



# **AGENDA FOR 27<sup>TH</sup> MEETING OF BUILDING & WORKS COMMITTEE**

**4<sup>TH</sup> JANUARY, 2022**



**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**

**AGENDA FOR 27<sup>TH</sup> MEETING OF  
BUILDING & WORKS COMMITTEE**

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

**DAY : TUESDAY**

**DATE : 04.01.2022**

**TIME : 11.00 AM**



**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

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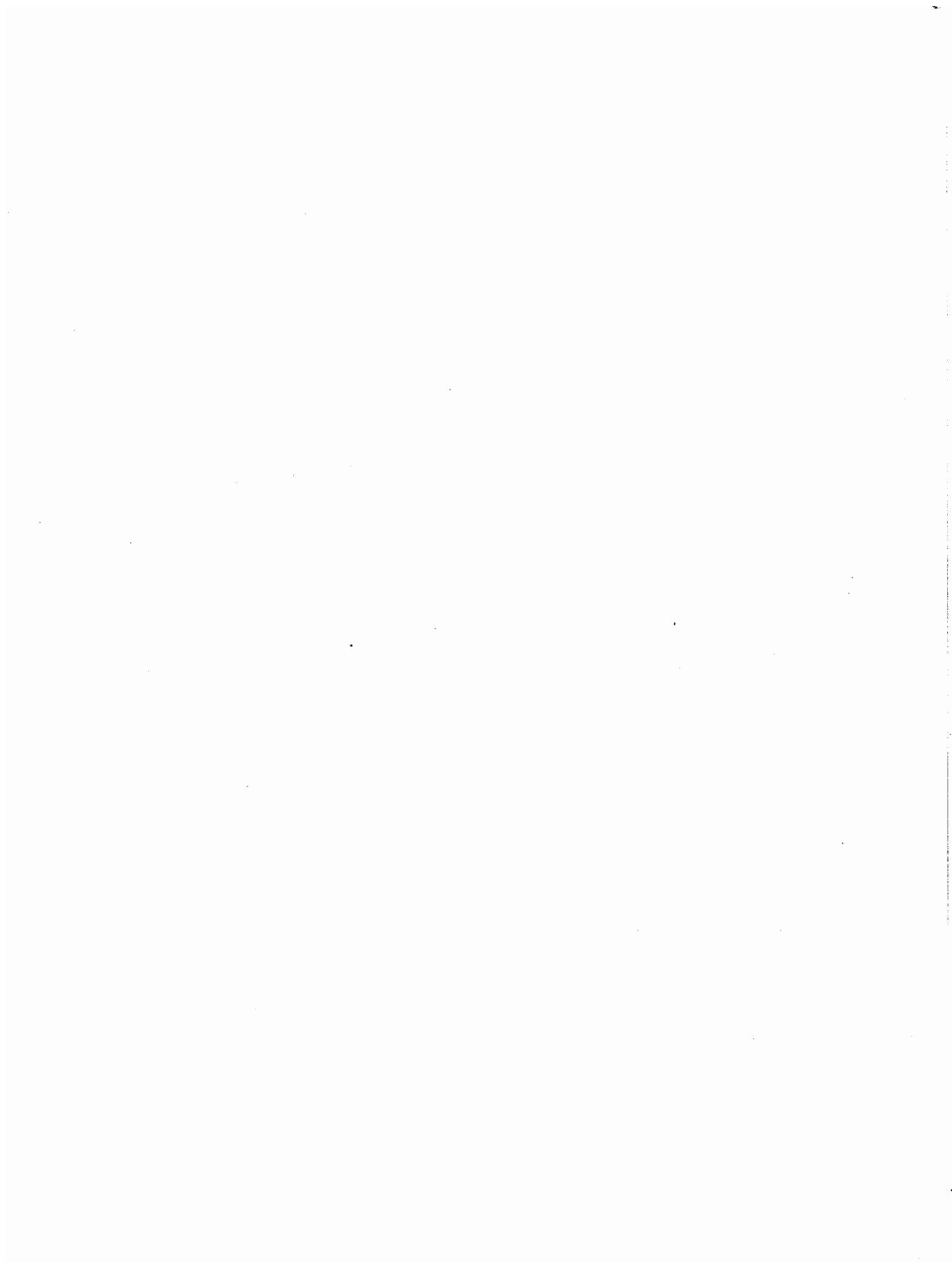
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	Any other item	





## MEMBERS OF BUILDING AND WORKS COMMITTEE

- |     |   |                  |
|-----|---|------------------|
| 1.  | <b>Prof. Akhilesh Swarup,</b><br>Director In-Charge<br>National Institute of Technology,<br>Kurukshetra   | Chairman         |
| 2.  | <b>Nominee of the Central Government</b><br>On the B & WC of the Institute,<br>(to be nominated by the Ministry of Education)<br><b>Through</b><br>Joint Secretary (NITs),<br>Deptt. of Higher Education,<br>Ministry of Education, Shastri Bhawan,<br>New Delhi-110115 | Member           |
| 3.  | <b>Shri A K Singhal,</b><br>Director General (Retired),<br>C.P.W.D,<br>Flat No. B-2012,<br>Gaur Green City Vaibhav Khand,<br>Indirapuram, Distt. Ghaziabad-202020(UP)   | Member           |
| 4.  | <b>Prof. Brahmjit Singh</b><br>Dean (Planning & Development)<br>National Institute of Technology,<br>Kurukshetra  | Member           |
| 5.  | <b>Er. Prashant Agarwal</b><br>Executive Engineer (Civil),<br>Karnal Central Division, CPWD<br>NDRI Campus, Near SBI,<br>Karnal (Haryana)-132001  | Member           |
| 6.  | <b>Er. Savita Ray</b><br>Executive Engineer (Electrical),<br>Karnal Central, Elect. Division, 208-D,<br>HSIIDC, Sector-3,<br>Karnal (Haryana)-132001  | Member           |
| 7.  | <b>Prof. Arun Goel</b><br>Prof. in-charge (Estate & Construction),<br>National Institute of Technology,<br>Kurukshetra.   | Special Invitee  |
| 8.  | <b>Dr. H.D. Chalak</b><br>Faculty- in- Charge (Estate & Construction)<br>National Institute of Technology,<br>Kurukshetra.  | Special Invitee  |
| 9.  | <b>Dr. Sandeep Kakran</b><br>Faculty- in- Charge (Elect. Mtc & Telephone)<br>National Institute of Technology,<br>Kurukshetra.  | Special Invitee  |
| 10. | <b>Sh. S.N. Kaushik,</b><br>Assistant Engineer (Civil)<br>National Institute of Technology,<br>Kurukshetra  | Special Invitee  |
| 11. | <b>Sh. G.R. Samantaray</b><br>Registrar-In-Charge<br>National Institute of Technology,<br>Kurukshetra   | Member-Secretary |



**BWC 27.1 To confirm the minutes of 26<sup>th</sup> meeting of Building & Works Committee held on 25.02.2020.**

The minutes of the 26<sup>th</sup> meeting of Building & Works Committee held on 25.02.2020 were circulated amongst the members vide letter No. NIT/26<sup>th</sup> B&WC/1306 dated 03.03.2020. No comments were received from any member. The minutes are enclosed as Annexure from page 1 to 9.

The minutes may please be confirmed.





**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**

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

The following were present:

- |  |                         |
|--|-------------------------|
| 1. <b>Dr. Satish Kumar</b><br>Director,<br>National Institute of Technology,<br>Kurukshetra  | <b>Chairman</b>         |
| 2. <b>Prof. Arun Goel</b><br>Dean (Faculty Welfare)<br>National Institute of Technology,<br>Kurukshetra  | <b>Member In-Charge</b> |
| 3. <b>Er. Rajeshwar Tyagi</b><br>Executive Engineer (Electrical),<br>Karnal Central, Elect. Division, 208-D,<br>HSIIDC, Sector-3,<br>Karnal (Haryana)-132001 | <b>Member</b>           |
| 4. <b>Er. Prashant Agarwal</b><br>Executive Engineer (Civil),<br>Karnal Central Division, CPWD<br>NDRI Campus, Near SBI,<br>Karnal (Haryana)-132001          | <b>Member</b>           |
| 5. <b>Prof. S. M. Gupta</b><br>Prof. in-charge (Estate & Construction),<br>National Institute of Technology,<br>Kurukshetra.                                 | <b>Special Invitee</b>  |
| 6. <b>Dr. Sandeep Kakran</b><br>Faculty- in- Charge (Elect. Mtc & Telephone)<br>National Institute of Technology,<br>Kurukshetra.                            | <b>Special Invitee</b>  |
| 7. <b>Sh. S.N. Kaushik,</b><br>Assistant Engineer (Civil)<br>National Institute of Technology,<br>Kurukshetra  | <b>Special Invitee</b>  |
| 8. <b>Prof. Surinder Deswal</b><br>Registrar-Incharge<br>National Institute of Technology,<br>Kurukshetra  | <b>Member-Secretary</b> |

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[Signatures]



Nominee of the Central Government on the B&WC of the Institute, Deptt. of Higher Education M.H.R.D., Shastri Bhawan New Delhi-110001 and Shri A K Singhal, Director General (Retired), C.P.W.D., could not attend the meeting.

Before the start of the deliberations, the Registrar on behalf of Hon'ble Director and Chairman Building & Works Committee welcomed all the members present in the meeting. The Chairman, B&WC also extended warm welcome to the new member on B&WC of the Institute Er. Prashant Agarwal Executive Engineer (Civil), Karnal Central Division, CPWD, NDRI Campus, Near SBI, Karnal. At the outset the Chairman B&WC informed and apprised the members regarding the progress of ongoing construction works being executed by CPWD at NIT, Kurukshetra.

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

**BWC 26.1 To confirm the minutes of 25<sup>th</sup> meeting of Building & Works Committee held on 27.05.2019.**

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

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

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

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

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[Signatures]



- **BWC 19.2 (16.11):** The work of replacement of existing electrical wiring in instructional building is completed and put to use. The old and new inventory has been received except that of the old Administrative Block. The Executive Engineer (Elect.), CPWD committed that the old inventory/fixtures of Old Administrative Block, will be submitted before 31<sup>st</sup> March 2020 alongwith final utilization certificate and a copy of final bill so that the balance payment may be released.
- **BWC. 21.4:** The work of 300 seater multi-purpose boys hostel is completed and handed over to the Chief Warden (Boys). However, final utilization certificate along with a copy of final bill from Executive Engineer (Elect.) and (Civil) CPWD is awaited. After detailed deliberations the Executive Engineer (Elect.) and (Civil) committed that the final bill is under scrutiny and will be submitted up to 15<sup>th</sup> March 2020.
- **BWC 22.10:** The matter regarding the work of installation of lifts at various locations in the Academic Buildings and Hostels was discussed in detail. In this regard Prof. I/C (E&C) apprised the Committee that the work of Installation of lifts in Old MBA Block/New Workshop Building (Centre of Excellence) is in progress and provision of installation of lifts has been included in the work of Additional floor over the MBA/MCA Block is in process.

Further, Hon'ble Chairman (B&WC) desired that the officials of CPWD, Civil and Electrical, in consultation with AE(Civil) and AE(Elect) visit all remaining Academic and Hostel Buildings where the lifts are required as per guidelines and space, standards for barrier free build environment for disabled and elderly persons and work out the details regarding the requirement of installation of lifts alongwith the check lists as per the Government of India norms for the persons with disabilities (PwD). The CPWD will submit the feasibility and cost estimate of the above work at the earliest.

- **BWC 23.10:** The Building & Works Committee noted the action taken of FC & BOG that "The Finance Committee recommended to the Board that the powers may be delegated to the Institute Building & Works Committee for approving minor works and for works pertaining to repair and maintenance within the quantum of expenditure upto 50 lacs per work (excluding

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[Signatures]





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

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

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[Signatures]



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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*[Handwritten signatures and initials]*



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

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

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

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

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

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

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

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

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

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*[Handwritten signatures and initials]*



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

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

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

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

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

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

Authenticated

Director &  
Chairman, Building & Works Committee  
NIT, Kurukshetra

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

No. NIT/26<sup>th</sup> B&WC/ 1306

Dated: 3/3/2020

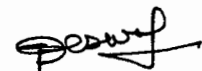
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|----|---|-------------------------|
| 1  | <b>Dr. Satish Kumar</b><br>Director,<br>National Institute of Technology,<br>Kurukshetra  | <b>Chairman</b>         |
| 2. | <b>Prof. Arun Goel</b><br>Dean (Planning & Development) In-Charge<br>National Institute of Technology,<br>Kurukshetra.                                    | <b>Member</b>           |
| 3. | <b>Er. Rajeshwar Tyagi</b><br>Executive Engineer (Electrical),<br>Karnal Central, Elect. Division, 208-D,<br>HSIIDC, Sector-3,<br>Karnal (Haryana)-132001 | <b>Member</b>           |
| 4. | <b>Er. Prashant Agarwal</b><br>Executive Engineer (Civil),<br>Karnal Central Division, CPWD<br>NDRI Campus, Near SBI,<br>Karnal (Haryana)-132001          | <b>Member</b>           |
| 5. | <b>Registrar in-Charge</b><br>NIT, Kurukshetra  | <b>Member-Secretary</b> |

**Subject: Minutes of the 26<sup>th</sup> meeting of the Building and Works Committee held on Tuesday, the 25th February, 2020 at 11.00 am in the Board Room of Golden Jubilee Administrative Building of the Institute.**

Kindly find enclosed herewith minutes of the 26<sup>th</sup> meeting of the Building and Works Committee of the Institute held on 25.02.2020 duly authenticated by the Chairman, Building & Works Committee & Director, NIT, Kurukshetra.

All the members are requested to kindly confirm the minutes.

Encl. as above



(Surinder Deswal)  
Registrar In-charge &  
Member-Secretary  
Building & Works Committee,  
NIT, Kurukshetra

Endst. No.NIT/26<sup>th</sup> BWC/

Dated

Copy of the minutes of 26<sup>th</sup> meeting of the Building & Works Committee held on 25.02.2020 is being sent for information and record please.

1. Under Secretary (NITs),  
Deptt. of Higher Education,  
M.H.R.D, Shastri Bhawan,  
New Delhi-110001

Member

2. Shri A K Singhal,  
Director General (Retired),  
C.P.W.D,  
Flat No. B-2012,  
Gaur Green City Vaibhav Khand,  
Indirapuram, Distt.  
Ghaziabad-202020(UP)

Member

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Surinder Deswal)  
Registrar In-charge &  
Member-Secretary  
Building & Works Committee,  
NIT, Kurukshetra





**BWC 27.2 To report the action taken on the minutes of the 26<sup>th</sup> meeting of the Building & Works Committee held on 25.02.2020.**

The action taken on the minutes of the 26<sup>th</sup> meeting of the Building & Works Committee held on 25.02.2020 is as under:

Agenda No.	Item	Recommendations of B&WC	Funding Head	Action Taken
BWC 26.1	To confirm the minutes of 26 <sup>th</sup> meeting of Building & Works Committee held on 25.02.2020	The minutes of the 26 <sup>th</sup> meeting of Building & Works Committee held on 25.02.2020 circulated amongst the members vide letter No. vide letter No. NIT / 26 <sup>th</sup> B&WC/1306 dated 03.03.2020 were confirmed.		No further action is required
BWC 26.2	To report the action taken on the minutes of the 26 <sup>th</sup> meeting of the Building & Works Committee held on 25.02.2020	<p>The B&amp;WC noted the action taken on minutes of the 26<sup>th</sup> meeting of the Building &amp; Works Committee held on 25.02.2020</p> <ul style="list-style-type: none"> <li>• <b>BWC 24.2/ BWC 19.2 (16.4):</b> The work of Installation of HT/LT Sub-station including feeder pillar in residential area has already been commissioned and put to use in manual mode and installation of the metering software is pending being the case is under arbitration. However, the Executive Engineer (Elect.) apprised the committee that the decision of arbitrator in the case is still awaited as the Hon'ble Court has given extension to arbitrator in this case upto 17<sup>th</sup> May, 2020. The detailed report will be submitted by the CPWD upto 31<sup>st</sup> May, 2020</li> </ul>		<p>The arbitration award was published on dated 06.08.2020 of Rs. 1,04,62,508/-. The payment towards arbitration award duly approved by the competent authority has been made to CPWD. A separate agenda vide item No. 27.11 is placed in this meeting for ratification of arbitration award. A separate agenda item vide No. 27.13 is also placed in this meeting for report and ratification in anticipation approval of Chairman B&amp;WC to dispense with the work of providing GPRS based energy monitoring and billing system for the above said work.</p>

		<ul style="list-style-type: none"> <li>• <b>BWC 19.2 (16.11):</b> The work of replacement of existing electrical wiring in instructional building is completed and put to use. The old and new inventory has been received except that of the old Administrative Block. The Executive Engineer (Elect.), CPWD committed that the old inventory/fixtures of Old Administrative Block, will be submitted before 31<sup>st</sup> March 2020 alongwith final utilization certificate and a copy of final bill so that the balance payment may be released.</li> </ul>	<p>The work completed and all the documents including copy of Final UC, final Bill and inventory for the work of replacement of existing electrical wiring in old administrative block have been received from CPWD. Further it was resolved in PRC meeting held on 24.09.2021 that the balance amount of Rs. 17,02,021/- will be transferred to the Institute within one week son that the work may be closed in the account book &amp; capitalized in time. The same was intimated to CPWD vide letter No. CC/3596/611/4241 dated 08.10.2021. However a letter vide No. 54(12/CED/2021/1721 dated 02.12.2021 received from Executive Engineer (Elect.) CPWD Karnal regarding revised expenditure statement-cum-utilization certificate for the above work. Further, it is intimated in the above said letter that the earlier letter sent vide No. 54(112)/CED/2021/1247 dated 02.09.2021 was without service tax/ESIC/EPF.</p>
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		<p>Therefore, the revised expenditure statement and final utilization certificate including the same is being submitted by CPWD. The CPWD also requested to release the final balance amount of Rs. 164176/- . The balance payment against the revised expenditure statement cum final utilization certificate is in process.</p> <p>The work has already been completed, handed over the Chief Warden Boys and put to use. Further, Executive Engineer (Civil) CPWD intimated to the Institute vide No. 54(NIT)/CD/2021/2131 dated 13.10.2021 that the contractual agency has gone into arbitration with the claim amount of Rs. 4,92,30,481 excluding the interest and GST on award amount.</p> <p>The requirement for installation of lifts in Academic Buildings at various locations duly approved by the competent authority of the Institute has already been conveyed to</p>
	<ul style="list-style-type: none"> <li>• <b>BWC. 21.4:</b> The work of 300 seater multi-purpose boys hostel is completed and handed over to the Chief Warden (Boys). However, final utilization certificate along with a copy of final bill from Executive Engineer (Elect.) and (Civil) CPWD is awaited. After detailed deliberations the Executive Engineer (Elect.) and (Civil) committed that the final bill is under scrutiny and will be submitted up to 15<sup>th</sup> March 2020.</li> <li>• <b>BWC 22.10:</b> The matter regarding the work of installation of lifts at various locations in the Academic Buildings and Hostels was discussed in detail. In this regard Prof. I/C (E&amp;C) apprised the Committee that the work of Installation of lifts in Old MBA Block/New Workshop Building (Centre of Excellence) is in progress and provision of</li> </ul>	

	<p>installation of lifts has been included in the work of Additional floor over the MBA/MCA Block is in process.</p> <p>Further, Hon'ble Chairman (B&amp;WC) desired that the officials of CPWD, Civil and Electrical, in consultation with AE(Civil) and AE(Elect) visit all remaining Academic and Hostel Buildings where the lifts are required as per guidelines and space, standards for barrier free build environment for disabled and elderly persons and work out the details regarding the requirement of installation of lifts along with the check lists as per the Government of India norms for the persons with disabilities (PwD). The CPWD will submit the feasibility and cost estimate of the above work at the earliest.</p>	<p>Executive Engineer (Civil) &amp; (Elect.) CPWD vide letter No. CC/3506/134/979 dated 25.02.2021 to submit the cost estimate for installation of lifts alongwith the provision of check lists as per the Government of India norms for the persons with disabilities (PwD) with the provision of ramps walking aids and specially designed toilets etc.</p> <p>In response to the above referred letter AE (Civil) CPWD requested vide letter No. 24(NIT) /AE /KSD/ 2021/309 dated 06.12.2021 to arrange the detailed drawing along with digital survey of all buildings to access the feasibilities of installations of lifts and to design other accessories and to provide detailed cost estimate for the work. The same is in process.</p>
	<ul style="list-style-type: none"> <li>• <b>BWC 23.10:</b> The Building &amp; Works Committee noted the action taken of FC &amp; BOG that "The Finance Committee recommended to the Board that the powers may be delegated to the Institute Building &amp; Works Committee for approving minor works and for works pertaining to repair and maintenance within the quantum of expenditure upto 50 lacs per work (excluding applicable taxes duly following the procedures mentioned in GFR 2017".</li> </ul>	<p>Noted by B&amp;WC</p>

• **BWC 24.3** The work for the provision of additional floor by providing Pre-feb construction with the provision of air-conditioning, lifts and staircase etc. over the Old MBA/ New Workshop Building and special repairs & maintenance for ground floor and first floor is in progress. The Executive Engineer (Civil) apprised that the Civil work of lift block and staircase is held up due to CNC machine has not been reached at site till date. It was informed that the CNC machine will reach at site on 28<sup>th</sup> February, 2020. The Executive Engineer, Civil & Elect., CPWD committed that the work will be completed upto 15<sup>th</sup> April, 2020. Further, it was resolved that the Faculty I/C (EM&T) and AE(Elect.) will discuss the electrical requirements for pre-feb construction at 2<sup>nd</sup> floor with the Dean(P&D), Prof. I/C (E&C) and Registrar and the same be sent to CPWD within a week.

The work of renovation of Ground floor and first floor including c/o lift & staircase block for Old MBA Block (New Workshop Building) has been completed and handed over to the HoD, SCoE. Further the final bill & final UC has also been received from CPWD. Accordingly, the final payment has been released. The work of Providing E&M services of Ground floor and first floor including goods lift and Air-conditioning system on additional floor over existing Old MBA Block (New Workshop Building) has been completed and Handed over to the HoD, SCoE. The copy of final bill & final UC is awaited from CPWD. The electrical requirements for pre-feb construction of 2<sup>nd</sup> floor over the Old MBA Block (New Workshop Building) has been sent to CPWD vide letter no. CC/3550/238/1633 dated 26.04.2021. The revised date of completion of this work is 30.11.2021 as committed by CPWD in Progress Review Committee Meeting on 18.11.2021.

	<ul style="list-style-type: none"> <li>• <b>BWC 24.4</b> The matter was discussed in detail for the work of construction of Additional Floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-feb construction. The Executive Engineer (Civil), CPWD apprised that the preparation of detailed cost estimate and DNIT of this work is in process and the tender will be called shortly.</li> </ul>	<p>The work of construction of Additional Floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-feb construction is in progress. The revised date of completion of this work is 15.12.2021 as committed by CPWD in Progress Review Committee Meeting on 18.11.2021.</p>
	<ul style="list-style-type: none"> <li>• <b>BWC 24.5</b> The Senior Architect, CPWD, Chandigarh visited the Institute Campus on 10.01.2020 regarding Institute Master Layout Plan and a meeting was held with NIT, authority. Thereafter, the requirement for the proposed construction of new buildings and demolition of old buildings were conveyed to Senior Architect, CPWD vide letter no. CC/3487/67/719 dated 31.01.2020 regarding incorporation of Master Layout Plan for proposed and demolition of buildings. In this regard, the Senior Architect, CPWD intimated through e-mail dated 25.02.2020 that the draft proposed and demolition plan has been incorporated in the Institute Master Layout Plan. After detail deliberations the committee resolved that the date for the presentation of the Master Lay out Plan of the Institute may be fixed at the earliest.</li> </ul>	<p>Presentation was made by CPWD on dated 24.03.2021. The authority is in discussion with all members of NIT Kurukshetra for recommending the changes.</p>
	<ul style="list-style-type: none"> <li>• <b>BWC 25.3</b> The renovation work of Labs of Chemistry, Physics and H&amp;SS departments has been completed. Further, the revised requirement for remaining work in the various Departments in</li> </ul>	<p>The revised requirements received from HoD has been summarized &amp; put as a separate agenda vide item</p>

consultation with the HoDs have been received and sent to the CPWD for the revised cost estimate as per DSR-2018.

- **BWC 25.4** A separate agenda vide item no. 26.3 is placed in this meeting regarding the provision of internal & external finishing i.e distempering & painting including minor and major repair in the Boy's Hostel No. 4, 5 & 6. Further, the revised cost estimate for the provision of internal & external finishing i.e. distempering & painting including minor and major repair in the Boy's Hostels 1 to 3 and 7 to 10, Girls Hostel 1 to 4 and Staff Quarters. Including BT/CT is awaited from CPWD as per DSR-2018.

- **BWC 25.10** To consider & approve the Cost Estimate for the construction of Lawn Tennis Court including widening and repair of existing Lawn Tennis Court in the Sports Complex. The revised detailed cost estimate as per DSR-2018 is awaited from CPWD.

- **BWC 25.11** To consider and approve the cost estimate for Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra. The revised detailed cost estimate as per DSR-2018 is awaited from CPWD.

- **BWC 25.12** The A/A & E/S for the repair work including Civil, Electrical and Audio System works in the Jubilee Hall & Senate Hall was conveyed to CPWD. Further a separate agenda vide item no. 26.13 is placed in this meeting. It is also intimated that the revised cost estimate as per DSR-2018 for renovation/up-gradation of Jubilee Hall including Civil, Electrical, Audio System and furniture works is awaited from the CPWD.

No.27.4 is placed in this meeting

The work of Boy's Hostel 4, 5 & 6 is completed and put to use. Further the final bill and final UC is received from the CPWD and payment will be released shortly.

The revised cost estimate received from CPWD is put as separate agenda vide item No. 27.9 is placed in this meeting

Work is not started and a separate agenda for the work covering of open air theatre vide item No. 27.3 is placed in this meeting

A/A & E/S of senate hall is in process and the cost estimate of Jubilee Hall is awaited from CPWD.



		<ul style="list-style-type: none"> <li><b>BWC 25.13</b> The work of Construction of Indoor Badminton Hall is in progress and will be completed upto 31<sup>st</sup> march 2020.</li> </ul>		The work is completed and put to use. All the documents i.e. final bill and final UC received from the CPWD and the work is closed.
<b>BWC 26.3</b>	To consider and approve the Revised Detailed Cost Estimate for the provision of internal & external finishing i.e distempering & painting including minor and major repair in the Boys Hostel No. 4, 5 & 6 at NIT, Kurukshetra.	The Committee was apprised that the detailed cost estimate of Rs.1,27,37,930/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.4, FC 41.4 & BOG 50 <sup>th</sup> meeting respectively was based on DSR 2016. The revised cost estimate enhanced on finishing items from the original estimates due to switching over to DSR-2018 from DSR-2016, provision of statutory taxes and contingencies and provision of repairs to building which was not taken in the previous estimate. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter No. NIT-KKR/SE/Karnal/2020/93 dated 23.01.2020 is of Rs. 2,91,26,500/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,91,26,500/- for the provision of internal & external finishing i.e distempering & painting including minor and major repair in the Boys Hostel No. 4, 5 & 6.	Seat Rent + repair & Maintenance	The work is completed and put to use. Further the final bill and final UC is received from the CPWD and payment will be released shortly.
<b>BWC 26.4</b>	To consider and approve the Revised Cost Estimate for construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building at NIT, Kurukshetra	The Committee was apprised that the detailed cost estimate of Rs. 74,13,100/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.5, FC 41.4 & BOG 50 <sup>th</sup> meeting respectively was based on PAR 2012. The revised cost estimate enhanced due to switching over to PAR-2019 from PAR-2012. Accordingly, the Executive Engineer, Civil, CPWD submitted	MCA (Self Finance Course)	The work has been completed and put to use. Further the copy of final bill and final UC is awaited

		the revised detailed cost estimate based on PAR-2019 vide letter No.20(NITK)PS/KC/2020/164 dated 20.01.2020 is of Rs. 88,42,400/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised cost estimate with an amount of Rs. 88,42,400/- for construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.		
BWC 26.5	To consider and approve the Revised Detailed Cost Estimate for strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel & MBA/MCA Department and road between Jubilee Hall & Library including arrangement of drainage of storm water at NIT, Kurukshetra.	The Committee was apprised that the detailed cost estimate of Rs. 87,13,400/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.7, FC 41.4 & BOG 50 <sup>th</sup> meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/91 dated 23.01.2020 is of Rs. 1,04,33,700/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 1,04,33,700/- for strengthening of existing Cement concrete pavement/road from North East corner of CCN to Junction between Cauvery Hostel & MBA/MCA department and road between Jubilee Hall & Library including arrangement of drainage of storm water.	IRG	The funds are awaited
BWC 26.6	To consider and approve the Revised Detailed Cost Estimate for re-carpeting of various roads in the Institutional and Hostel areas at NIT, Kurukshetra.	The Committee was apprised that the detailed cost estimate of Rs. 1,11,15,900/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.8, FC 41.4 &	Repair & Maintenance Head	The work is completed and put to use. All the document i.e final bill and final UC received from CPWD and work

		BOG 50 <sup>th</sup> meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/90 dated 23.01.2020 is of Rs. 1,54,23,200/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 1,54,23,200/- for re-carpeting of various roads in the Institutional and Hostel areas.		has been closed.
BWC 26.7	<p>To consider and approve the Revised Detailed Cost Estimate for widening of various roads in the Institute at NIT, Kurukshetra.</p> <p>i Road from Apollo Canteen to Security Check Post between Hostel No. 7 &amp; 8 along with the provision of footpath as per site requirement.</p> <p>ii Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.</p> <p>iii Road from Junction near disposal pump to North West corner of Guest House</p>	<p>The Committee was apprised that the detailed cost estimate of Rs. 2,22,99,500/- of this work was already approved by Building &amp; Works Committee and subsequently by FC &amp; BOG vide item Nos. BWC 25.9, FC 41.4 &amp; BOG 50<sup>th</sup> meeting respectively was based on DSR-2016. The revised cost estimate enhanced due to switching over to DSR-2018 from DSR-2016. Accordingly, the Superintending Engineer, Civil, CPWD submitted the revised detailed cost estimate based on DSR-2018 vide letter NIT-KKR/SE/Karnal/2020/92 dated 23.01.2020 is of Rs. 2,87,23,400/-. After detailed deliberation and considering the above stated facts, the Building &amp; Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,87,23,400/- for widening of various roads in the Institute. i.e. (i) Road from Apollo Canteen to Security Check Post between Hostel No.7 &amp; 8 along with the provision of footpath as per site requirement. (ii) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement. (iii) Road from junction near disposal pump to North West corner of Guest House at NIT, Kurukshetra.</p>	Repair & Maintenance Head	The work is to be completed by 15.12.2021 as committed by CPWD in Progress Review Committee Meeting

BWC 26.8	To consider and approve the Preliminary Cost Estimate for finish floor tiles in the common room, dining hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and Girls Hostel No. 1.	The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. 58,67,900/- for providing and fixing of finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No.(1-6) and Girls Hostel No. 1.	Seat Rent + Repair & Maintenance	Funds are awaited
BWC 26.9	To consider and approve the Preliminary cum Detailed Cost Estimate for the provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west at NIT, Kurukshetra	The Building and Works Committee deliberated on the matter and approved the Preliminary cum detailed cost estimate with an amount of Rs. 25,32,000/- for the provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west.	Repair & Maintenance /IRG	The revised date of completion of this work was 30.11.2021 as committed by CPWD in Progress Review Committee Meeting dated 18.11.2021.
BWC 26.10	To consider and approve the Preliminary Cost Estimate for the provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex at NIT, Kurukshetra.	The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. 56,03,300/- for the provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex.	Repair & Maintenance /IRG	Funds are awaited
BWC 26.11	To consider and approve the Preliminary Cost Estimate for the provision of two nos. sheds on the either side of existing Main Porch in Golden Jubilee Administrative Building.	The Building and Works Committee deliberated on the matter and approved the Preliminary cost estimate with an amount of Rs. Rs. 19,95,500/- for the provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.	Repair & Maintenance /IRG	The revised date of completion of this work was 30.11.2021 as committed by CPWD in Progress Review Committee Meeting dated 18.11.2021.
BWC 26.12	To consider and approve the Preliminary cum Detailed Cost Estimate for construction of paved road by providing inter locking paver blocks surrounding the Oxidation Ponds near STP at NIT, Kurukshetra.	The Building and Works Committee deliberated on the matter and approved the Preliminary cum detailed cost estimate with an amount of Rs. 87,04,500/- for construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP and provision of peripheral road along the boundary to access to maintenance staff for security point of view.	Repair & Maintenance /IRG	The A/A & E/S of this work is under process

BWC 26.13	To consider and approve the Revised Cost Estimate for renovation/up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works at NIT, Kurukshetra.	The Committee was apprised that the detailed cost estimate of Rs.1,48,38,420/- of this work was already approved by Building & Works Committee and subsequently by FC & BOG vide item Nos. BWC 25.12, FC 41.4 & BOG 50 <sup>th</sup> meeting respectively was based on DSR 2016, PAR-2012. The revised cost estimate enhanced due to change in scope of work i.e. Uplift of the entrance and ground floor of the Senate Hall, Supply & fixing of auditorium Chair for Senate Hall, LAN points for the tables, CCTV at entrance & inside of the Senate Hall, UPS backup for Audio & Visual System which were not taken in the original estimates and switching over to DSR-2018 from DSR-2016, PAR-2019 from PAR-2012, and statutory taxes etc. Accordingly, the Executive Engineer, Civil, & Elect. CPWD submitted the revised detailed cost estimate based on DSR-2018, PAR-2019 vide letter No. 20(7)/CED/2019/100 dated 10.01.2020 and No. 20(NIT)/PS/CD/2020/261 dated 31.01.2020 is of Rs. 2,28,34,573/-. After detailed deliberation and considering the above stated facts, the Building & Works Committee approved the revised detailed cost estimate with an amount of Rs. 2,28,34,573/- for renovation/up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.	Repair & Maintenance Head	The A/A & E/S of this work is under process
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भारत सरकार  
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GOVT. OF INDIA  
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No. 54(Arb)/K.E.D./2020-21/ 1409

Dated: 05/11/2020

To,

ESTATE SECTION

The Director,  
NIT, Kurukshetra-136119

Diary No. 853

Dated. 13/11/2020

Sub: Regarding:-Release of funds for Rs. 1,04,62,508/- for making payment to the claimant  
In the matter of Arbitration Award between  
M/s Kalsi Engineers as Claimant

V/s

Union of India i.e. Executive Engineer (E), KCED, CPWD, Karnal Respondent.

Reference: अपर महानिदेशक (क्षे.चं.) का पत्र सं. 23(102)/W-99/अ.म.नि.(क्षे.चं.)/का.अभि.(टी.एल.सी)/2266हि  
दिनांक 22.10.2020 एवं इस कार्यालय का पत्र संख्या: 54(Arb)/K.E.D./2020-21/1030 Dated:  
31.07.2020, पत्र समसंख्या : 1144 दिनांक: 28.08.2020, 1331 दिनांक: 13.10.2020

N/W : Providing and installation of Electric Sub-Station, HT/LT distribution and feeder pillars is  
residential area at NIT, Kurukshetra.

Case No:- ARB/CPWD/NZ-1/AKJ/01 dt 17/06/2020 revised 06.08.2020.

Agmt No. 34/EE(E)/KCED/CPWD/2015-16

Sir,

With reference to the above, it is stated that the award published by the sole arbitrator Sh. Anil Kumar Jain in favour of M/s Kalsi Engineers, has been accepted by the Competent Authority. Further, this office is also directed to release the Award amount for Rs. 1,04,62,508/- including interest to the claimant/Contractor within the time limit. Therefore, you are, requested to release the arbitration award amount in the account of Executive Engineer (E), Karnal Elect. Division, CPWD, Karnal at the earliest so that this office can make timely payment to the contractor to avoid post award interest consequences. The summary of calculation of the above arbitration award as accepted by the competent authority is mentioned below:-

**Summary of calculation**

(i)	Total amount of award against claim Nos. 1 to 8, 10 to 12 & 14	Rs. 86,83,762/-(A)
(ii)	Interest @ 10% on awarded amount of Rs. 68,67,747 against claims No. 1 to 8 & 10	Rs. 17,78,746/-(B)
	<b>Total(A+B)</b>	Rs.1,04,62,508/-
	<b>Grand Total (to be paid to the claimant)</b>	Rs. 1,04,62,508/-

Encl: As above

Executive Engineer (E)  
Karnal Electrical Division  
CPWD, Karnal

Copy to :

1. Special Director General (Project Region Chandigarh), CPWD, Sector- 9 (A), Chandigarh-160009
2. Additional Director General (Region Chandigarh), CPWD, Sector- 9 (A), Chandigarh-160009
3. Superintending Engineer-Karnal, CPWD, Hafed office building, Sector-12 Part-II, Karnal.
4. Assistant Engineer (E), Kurukshetra Electrical Sub Division, CPWD, NIT Kurukshetra.

(1) Prof. incharge (Estate)  
(11) R  
13/11/20  
-95-

Executive Engineer (E)

**Notice Under Section 33 (1) Of The Arbitration & Conciliation Act, 1996**

Before

The Arbitral Tribunal of Er. Anil Kumar Jain

Sole Arbitrator

Flat 9B, Tower - X, Meghdutam Apartments Plot F-21-C,

Sector - 50, NOIDA (UP) -201301

Mob: 9810826028;Email: [akjain54@yahoo.com](mailto:akjain54@yahoo.com)

CASE NO.: ARB/CPWD/NZ-1/AKJ/01

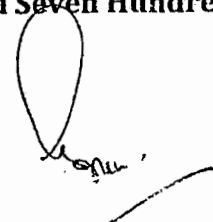
Dated:06/08/2020

In the matter of arbitration between:

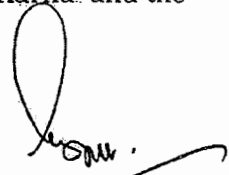
<b>M/s Kalsi Engineers</b>		<b>CLAIMANT</b>
<b>And</b>		
<b>Union of India represented by Executive Engineer (E), KCED, CPWD, Karnal</b>		<b>RESPONDENT</b>
Name of Work:	Providing and installation of Electric Sub-Station, HT/LT distribution and feeder pillars in residential area at NIT, Kurukshetra.	
Agreement No.:	34/EE(E)/KCED/CPWD/2015-16	
Reference:	CE, (NZ-I), CPWD, Kendriya Sadan, Sector-9A, Chandigarh Letter No. 24/01/2018/A&C/6230, dated 01.01.2018	

1. In the matter of Arbitration for the above work, take notice that under Section 33(1) of the Arbitration and Conciliation Act, 1996 as amended vide The Arbitration and Conciliation (Amendment) Act, 2015, I, ANIL KUMAR JAIN, Sole Arbitrator hereby make the following correction in the AWARD made earlier on June 17<sup>th</sup>, 2020
2. As per communication now received from Respondent through email vide his No 20(ARB)/CPWD/2020/1025 dated 30/07/2020 with copy to Claimant and others, under Claim No. 2, an amount of Rs. 2,00,833/- was already paid to the Claimant upto the 5<sup>th</sup> Running Bill. Inadvertently, this amount was not deducted while calculating Award under Claim No 2.
3. Under Claim No. 2, the Original Award made was for Rs. 13,61,617.32.
4. Thus, after correction, the awarded amount under Claim No. 2 stands revised to Rs 11,60,784.32 instead of Rs 13,61,617.32.
5. Total awarded amount for all the claims accordingly gets revised to Rs. 86,83,762/- (Rs. Eighty-Six Lakh Eighty-Three Thousand Seven Hundred Sixty-Two only).

-26-



6. A signed copy of this correction in award is being sent herewith to the Respondent Executive Engineer (Elect), Karnal Central Electrical Division, CPWD, Karnal and the Claimant M/s Kalsi Engineers.

  
(Anil Kumar Jain)  
Sole Arbitrator

To: - (By Speed Post)

1. M/s Kalsi Engineers, WZ-622D/2A, Shiv Nagar, New Delhi-110058.
2. The Executive Engineer (E), Karnal Central Electrical Division, CPWD, 209, DSHIDC, Sector-3, Karnal-132001
3. The Superintending Engineer, Karnal Central Circle, CPWD, Karnal

**Copy to:** The Chief Engineer (NZ-1), CPWD, Kendriya Sadan, Sector-9A, Chandigarh-160009 for information.



भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION

Diary No. 1184

Dated 04/12/21

कार्यपालक अभियन्ता (वै०)  
करनाल केन्द्रीय वैद्युत मंडल  
केन्द्रीय लोक निर्माण विभाग,  
208-डी.एच.एस.आई.आई.डी.सी.  
सैक्टर-3, करनाल  
Email-cpwdknl@yahoo.in



Executive Engineer (E)  
Karnal Central Elect. Division  
Central Public Works Department,  
Karnal-132001  
Email-cpwdknl@hotmail.com  
Ph.0184-2220462

संख्या : 54(12)/क.वै.मं./2021/1721

दिनांक : 02/12/2021

सेवा में

✓ प्रोफेसर इन्चार्ज (एस्टेट),  
राष्ट्रीय प्रौद्योगिकी संस्थान, कुरुक्षेत्र,  
कुरुक्षेत्र-136119

Fac JTC (EM & T)

Amended 06.12.2021

06.12.21

AE(E)

01/12/21

for H/

विषय: Revised expenditure statement cum Utilization certificate for Electrical works at  
NIT KURUKESTRA (HR).

कार्य का नाम : Replacement/Rewiring of AL wiring with copper in Old Admn. Block.

संदर्भ: आपके कार्यालय का पत्र संख्या: /CC/3586/611/4241 दिनांक 08.10.2021

महोदय,

उपरोक्त कार्य का अंतिम बिल की व्यय विवरणी बिना सर्विस टैक्स/ESIC/EPF के समायोजन के आपके कार्यालय को प्रेषित की गई थी। संशोधित अंतिम व्यय विवरणी सर्विस टैक्स/ESIC/EPF समायोजन सहित इस पत्र के साथ संलग्न कर प्रेषित की जाती हैं। अतः आपसे अनुरोध है कि शेष राशि रुपये 164176/- जल्द से जल्द कार्यपालक अभियन्ता (वै.), करनाल केन्द्रीय वैद्युत मंडल, के.लो.नि.वि., करनाल के पक्ष में जारी करने की कृपा करें। Revised Utilization Certificate & details of Expenditure (Annexure-A) इस पत्र के साथ संलग्न कर आपके कार्यालय को प्रेषित किया जाता है।


संलग्न : Utilization Certificate &  
details of Expenditure (Annexure-A)

कार्यपालक अभियन्ता (वै.)  
करनाल वैद्युत मंडल  
के.लो.नि.वि., करनाल

**REVISED FINAL EXPENDITURE STATEMENT CUM UTILIZATION CERTIFICATE FOR ELECTRICAL WORKS AT  
NIT KURUKESTRA**

(Figures in Rupees)

Sr. No.	Name of Work	Electrical Sanctioned	Deposit received	Upto date Expenditure	Balance	Funds Reqd.	Remarks
1	Replacement/rewiring of AL Wiring with copper in old Admn. Block.	14022000	11951589	12115765	-164176	164176	Work Completed. Final expenditure includes final bill, contingency charges, service tax and ESI and EPF reimbursement as per Annexure-A.
	<b>GRAND TOTAL</b>	<b>14022000</b>	<b>11951589</b>	<b>12115765</b>	<b>-164176</b>	<b>164176</b>	

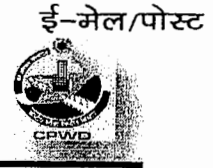
  
**EXECUTIVE ENGINEER (E),  
KARNAL ELECT. DIVISION,  
CPWD, KARNAL**

66-

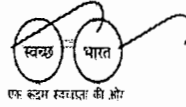


भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION  
1124  
Diary No. 13/11/21  
Ptd. 13/11/21



कार्यालय कार्यपालक अभियंता  
केन्द्रीय लोक निर्माण विभाग  
एन.डी.आर.आई कैम्पस,  
करनाल-132001



Office of the Executive Engineer,  
Central Public Works Department,  
NDRI Campus, Karnal-132001  
e-mail :- eekcd.knl.cpwd@nic.in

संख्या - 54(NIT)/क.मं/2021/2131  
To,

दिनांक 13/10/2021

✓ Prof. I/C(Estate & Constn),  
NIT, Kurukshetra

for JIC (EEC), for JIC (EM&T)

13/11/21

**Sub :** In the matter of arbitration between M/s. Jai Parkash & Sons and Union of India for the 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)  
Agency : M/s. Jai Parkash & Sons  
Agreement No. 67/EE/KCD/2014-15

With reference to the above mentioned work, it is hereby brought to your kind notice that the agency of the above work has gone into arbitration for settlement of certain disputes which have arisen in the above mentioned work and accordingly Arbitrator has been appointed by the competent authority (copy enclosed).

The total claim amount by the agency is Rs. 4,92,30,481/- excluding the interest & GST on award amount.

This is for your kind information and further necessary action please.

Encl : As above

*Prashant*  
(Prashant Agarwal) 13/10/21  
Executive Engineer-Karnal  
CPWD, Karnal

Copy to :-

1. Director, NIT, Kurukshetra for kind information please.
2. Additional Director General (Region Chandigarh), CPWD, Kendriya Sadan, Sector-9A, Chandigarh for information please.
3. Superintending Engineer-Karnal, CPWD, Karnal for kind information please.

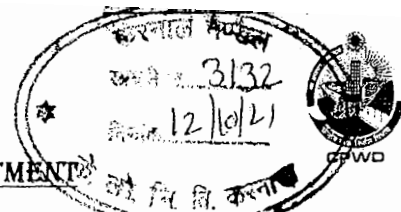
A.E./Ced  
The matter may be put in  
EAC/PRL for discussion.

-30-

Executive Engineer-Karnal

योजना शाखा	सो लेओ अधि
स्थापना-2	बिल लिओ

भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग



कार्यालय:  
अपर महानिदेशक (क्षेत्र चण्डीगढ़)  
केन्द्रीय लोक निर्माण विभाग, सेक्टर-9 (ए), चण्डीगढ़-160009  
दूरभाष सं० : 0172-2741169  
फैक्स सं० : 0172-2740728

Office of the:  
Additional Director General (Region Chandigarh)  
CPWD, Sector-9(A), Chandigarh-160009  
Tel. No. : 0172-2741169  
Fax No. : 0172-2740728  
E-Mail I.D. [nrd.chd@cpwd.nic.in](mailto:nrd.chd@cpwd.nic.in)  
Website: <https://cpwd.gov.in>

पत्रांक 23(102)/DRC/WA/अ.म.नि.(क्षेत्र 0 चं०)/का.अभि.(टी.एल.सी)/3055-H दिनांक 07/10/2021

**विषय:-** In the matter of arbitration between M/s Jai Prakash & Sons, and Union of India, regarding the work "C/o 300 seater multi purpose boys hostel i/c 100 suits 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).

Agmt. No. 67/EE/KCD/2014-15

Whereas Jai Prakash & Sons, 222-A, Lunia Mohalla, Dehradun -248001, (Uttarakhand) has written to ADG (Region Chandigarh) vide his letter No. JPS/2021-22/KRK/0196 dated 31.08.2021 for Agmt. No. 67/EE/KCD/2014-15, that certain disputes have arisen between the above noted parties in respect of the above noted work. I, ADG, (Region Chandigarh), CPWD by powers conferred on me under Clause 25 of the said Agreement hereby appoint Sh. R.K. Agrawal, A-15, South Extension, Part-II, New Delhi-110049 as Sole Arbitrator to decide and make his award regarding the claims/disputes raised by the contractor, if any, as shown in the statements enclosed, subject always, however, to their admissibility under clause 25 of the aforesaid agreement.

It is further requested to kindly decide first before adjudication, whether these claims are time barred or not as per limitation Act.

The arbitrator shall give reasons for the award. The fee payable and terms & conditions to the sole Arbitrator shall be in accordance with CPWD O.M.No. 2/SE(TLC)/Arb.case/2019-20/07 dated 24.01.2020.

(ई.अनन्त कुमार)  
अपर महानिदेशक (क्षेत्र 0 चं०)

**Encl:** Certified copy of claims (S.No.1 to 8, 1 page)

To

1. Sh. R.K. Agrawal, A-15, South Extension, Part-II, New Delhi-110049 alongwith copy of consent letters from the contractor. (e-mail. rkagrwal1958@gmail.c).
2. Jai Prakash & Sons, 222-A, Lunia Mohalla, Dehradun -248001, (Uttarakhand) with reference to his letter No. JPS/2021-22/KRK/0196 dated 31.08.2021. (e-mail: jpsons2019@gmail.com)
3. कार्यपालक अभियन्ता-करनाल, केन्द्रीय लोक निर्माण विभाग, नैशनल डायरी रिसर्च इन्स्टीट्यूट कैम्पस, नजदीक स्टेट बैंक ऑफ इंडिया, करनाल-132001 for information & necessary action.

प्रतिलिपि मूल प्रति पर नहीं:-

1. अधीक्षण अभियन्ता-करनाल, केन्द्रीय लोक निर्माण विभाग, नैशनल डायरी रिसर्च इन्स्टीट्यूट कैम्पस, नजदीक स्टेट बैंक ऑफ इंडिया, करनाल-132001 for information & immediate necessary action. Arrangements may be made to defend the case effectively. Legal assistance of the Counsel may be obtained where necessary. Superintending Engineer should ensure that the bills of the contractor are finalized immediately, if not already done.
2. कार्यपालक अभियन्ता-करनाल, केन्द्रीय लोक निर्माण विभाग, नैशनल डायरी रिसर्च इन्स्टीट्यूट कैम्पस, नजदीक स्टेट बैंक ऑफ इंडिया, करनाल-132001 for information & necessary action. Arrangements may be made to defend the case effectively. Legal assistance of the Counsel/Superintending Engineer may be obtained where necessary. Executive Engineer should ensure that the bills of the contractor are finalized immediately, if not already done.

Line of work: C/o 300 Seater Multi- Purpose Boys Hostel i/c 100 suits 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).

Agreement No: 67/EE/KCD/2014-15.

Tender Amount : Rs. 28,93,64,991/-  
 Date of Submission of Tender : 30.10.2014.  
 Date of Acceptance of Tender : 25.02.2015.  
 Date of Start of Work : 19.03.2015  
 Stipulated date of Completion : 07.12.2016  
 Actual date of complete : 03.02.2018  
 Time Allowed : 630 Days  
 Actual Delay Involved : 423 Days

#### LIST OF CLAIMS / DISPUTES

Sr. No.	Claims	Amount Rs.
1	Claim on account of withheld amount/delay payment of the R/A Bill & Final bill and Deviation items beyond deviation limit paid lesser than Agreement rates and Interest thereof.	Rs. 1,42,44,465/-
2	Addition cost payable on account of Extended stay period of contract for Escalation.	
2.1	Compensation on account of price escalation on material under 10CA Cement & Steel, Structural steel from stipulated date of completion to Actual date of completion.	Rs. 2,51,496/-
2.2	Compensation on account of price Escalation under 10CC on material other than cement & steel from stipulated date of completion to actual date of completion.	Rs. 27,89,226/-
3	Additional cost payable on account of overhead Cost and other charges due to extended stay period of contract.	
3.1	Claim on account of overheads and other onsite and offsite Expenses @ 7.5% on Prolongation of Contract.	Rs. 1,45,71,594/-
4	Claim on account of incentive @2% on Tender value as per Clause 2A of the agreement.	Rs. 57,87,300/-
5	Claim on account of Interest @ 12% P.A. on the above claim from the date of respective cause of action.	
5.1	Claim on account interest @ 12% on claim no. 1 to 2.	Rs.
5.2	Claim on account of Interest @ 12% P.A. Pre-award and Post- award.	Rs.
6	Claim on account of Cost of Arbitration and other Miscellaneous charges to be paid to our counsel, consultant, Engineer etc.	Rs. 5,00,000/-
7	Claim on account of GST @12% as payment made after 30.06.2017.	Rs. 1,10,86,400/-
8	Claim on account of GST @12% on awarded amount.	Rs.

NOTE: The amount of claims calculated on the basis of available records. However We reserve our right to add or subtract any claim or modify of the amount of claims and file any document if required at a later stage during arbitral proceedings.

Yours Faithfully

M/s. Jai Prakash & Sons.

(Authorized Signatory)

(सोम लाल काज्ज)

कार्यपालक अभि. (टी.एल.क्यू.ए.)



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

No: CC/3506/134/979

Dated 25.02.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.),  
Karnal Central Electrical Division, CPWD,  
208-D, HSIIDC, Sector-3, Karnal-132001

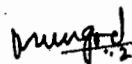
Subject: Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another at various locations in the existing Academic Buildings.

The approval of the competent authority of the institute is hereby conveyed for installation of lifts in the Academic Building of the Institute. In this regard the proposed locations of lifts in the Academic Building of the Institute is as under:

Sr. No.	Description	Proposed locations of lifts
1	Old Admin Block	Adjacent to Chemistry Lab along the corridor on East side of Old SBI Building in Old Administrative Block.
2	Examination Hall	On the West face of Examination Hall in-front of middle entry gate towards Old Administrative Block.
3	Electrical Engineering Deptt.	Along the main corridor near staircase towards Mech. Engg. Deptt. on South side opening in the reception area of Elect. Engg. Deptt.
4	12 Nos. Lecture Hall	At the right side of main entry gate of 12 nos. LHC Block open to sky.
5	Library Building	Outside of Library Building towards Jubilee Hall on South side near toilet block opening in the reception area.
6	Computer Engineering Deptt.	On the left side of main entry towards East side of Computer Engg. Deptt. along the corridor. However, the case for provision of installation of lift would be initiated after exploring the provision of construction of additional second floor on the first floor of Computer Engg. Deptt.
7	Electronics & Communication Engineering Deptt., LHC 6 nos. and CCN	(i) Along the connecting corridor between LHC (6 nos.) and ECE Deptt. towards library on South side into corridor. (ii) Along the connecting corridor between LHC (6 nos.) and ECE Deptt. towards CCN on North side would be initiated after exploring the provision of construction of additional second floor over LHC 6 nos.

It is therefore requested to submit the cost estimate alongwith the feasibility & structural stability report for the above said work as per CPWD Norms/Guidelines and Space Standards and Barrier Free Built Environment for Persons with Disabilities (PWD), so that an early action may be taken accordingly.

This is for your information and further necessary action please.

  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO19-20, Sector-12 (Part-I), Karnal-132001
7. PS to Registrar for kind information of Registrar
8. AR to Director for kind information of the Hon'ble Director



ESTATE SECTION

Diary No. 1186

भारत सरकार

Dated 06/12/21

## केन्द्रीय लोक निर्माण विभाग

कुरुक्षेत्र उप-मण्डल, कुरुक्षेत्र



सत्यमेव जयते

संख्या:-  
सेवा में,

24(NIT)/स.ई./कु.उ.म./2021/309

दिनांक

8/12/21

Prof. Incharge,  
Estate & Construction,  
एन.आई.टी. कुरुक्षेत्र.

Pac 1/c (E&amp;C), Pac 1/c (EM&amp;T)

A.E.C.  
Pl. communicate the details of buildings requiring repair 1-12-21

विषय:-

Provision of installation of lifts alongwith the facilities for physically challenged students i.e. lifts including wheel chairs &amp; transportation from one building to another at various locations in the existing Academic Buildings.

The drawings available in the Estate office has already been communicated. Former the detailed drawings of

संदर्भ:-

Your office letter no. CC/3506/134/979 dated 25.02.2021 &amp; CC/3506/133/980 dated 25.02.2021. Buildings along with digital survey.

Pac 1/c (E&amp;C) are not available pl. suggest in this regard.

With reference to above cited subject, your office has asked to submit the cost estimate along with feasibility and structural stability report for installation of lift along with facilities for physically challenged students at various locations mentioned in the above referred letter. Accordingly on the basis of blue print plan of three buildings i.e. Examination hall, 06 Nos. lecture hall & 12 Nos. lecture hall submitted by you, the matter was taken up with the Architect, office of Chief Architect, Region Chandigarh, CPWD. In this regard the Chief Architect office has desired to submit the digital surveys and drawings of all these existing buildings, clearly mentioning all dimensions, all structural members of the existing buildings, its placement/connectivity with the site surroundings, road etc (copy of Architect office letter no. CA(RCH)/SA-2/501/2021/130-हि dated 05.07.2021 is enclosed).

Therefore it is requested to kindly arrange the detailed drawings along with digital survey of all buildings to access the feasibilities of installation of lifts and to design other accessories and to provide detailed/cost estimate for the work.

This needs top priority as Sugamya Bharat Abhiyan (Accessible India Campaign) is a PMO monitored scheme and to be completed by June, 2022. Requirements is mandated by the RIGHTS OF PERSONS WITH DISABILITIES ACT, 2016.

सहायक अभियन्ता,  
कुरुक्षेत्र उप-मण्डल  
के. लो. नि. वि. कुरुक्षेत्र

प्रतिलिपी:- कार्यपालक अभियन्ता, करनाल मण्डल, के.लो.नि.वि. करनाल को सूचनार्थ हेतु।

A.E.C.

As the academic buildings except workshop doesn't come in the list of structures to be demolished, so the chief architect may be contact for digital survey of these building being a part of master layout.

24(NIT)

CPWD (Civil)



भारत सरकार  
केन्द्रीय लोक निर्माण विभाग

दिनांक 02/04/2021

कार्यालय मुख्य वास्तुक (क्षेत्र चण्डीगढ़)  
कै० लो० नि० वि०, केन्द्रीय सदन,  
सेक्टर 9-ए, चण्डीगढ़-160009  
दूरभाष सं० 0172-2742711  
फैक्स सं० 0172-2742712



O/o Chief Architect (Region Chandigarh),  
C. P. W. D., Kendriya Sadan,  
Sector 9-A, Chandigarh-160009  
Phone No. 0172-2742711  
Fax No. 0172-2742712

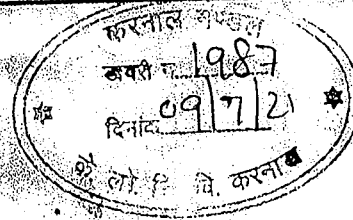
e-mail ID: canr1.chd.cpwd@nic.in

संख्या: CA(RCH)/SA-2/501/2021/ 130-1

दिनांक: 05/07/2021

सेवा में,

कार्यपालक अभियन्ता-करनाल  
कै० लो० नि० वि०, एन० डी० आर० आई० कैम्पस  
नजदीक स्टेट बैंक ऑफ इंडिया,  
करनाल-132001



विषय:-

Provision of installation of lifts alongwith the facilities for physically challenged students i.e. lifts including wheel chairs & transportation from one building to another at various locations in the existing Academic Building.

संदर्भ:-

AE, Kurukshetra office letter No. 20(NIT)/स.ई. /कु.उ.सं./2021/169 dated 25/06/2021

With reference to the above, this office has received the blue print plan of the following buildings:-

1. Examination hall.
2. 06 Nos. Lecture Hall.
3. 12 Nos. Lecture Hall.

This office would like to inform that only the ground floor plan of the above mentioned buildings has been received, which won't suffice the purpose of the proposed retrofitting. It is requested to send the digital surveys and drawings of the existing buildings, clearly mentioning all dimensions, all structural members of the existing buildings, its placement/connectivity with the site surroundings, road etc.

आनिल गुप्ता  
वास्तुक, 05/07/21

कार्यालय मुख्य वास्तुक (क्षेत्र च०),  
कै० लो० नि० वि०, चण्डीगढ़।

प्रतिलिपि:-

1. मार्वे फाईल।

केंद्र चण्डीगढ़	
योजना/प्रस्ताव	सं० लो० आ
स्थापना-1	स्थापना-2
बिल नं०	
कार्या० अभियन्ता	

वास्तुक,

कार्यालय मुख्य वास्तुक (क्षेत्र च०),  
कै० लो० नि० वि०, चण्डीगढ़।

GOVT OF INDIA -35-  
CPWD

08/11/21

20(NIT)/2021

Ref: Your office letter No. 169 dt. 25.6.2021.

प्रतिलिपि मार्वे फाईल में भेजी जा रही है।

आनिल गुप्ता, वास्तुक, कै० लो० नि० वि०, चण्डीगढ़।  
कृपया आदेश को ध्यान में रखकर कार्य करें।  
आदेश नं० 37/21 दिनांक 05/07/21





NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

(17)

No./CC/3550/238/1633

Dated 26.04.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Regarding to submit the cost estimate alongwith detailed specifications for the electrical items required in the work of "Provision of Pre-feb construction of 2nd floor over the Old MBA Block (New Workshop Building) for civil & electrical and air conditioning works".

This is to inform you that the requirement of furniture & electrical items in the additional space for newly allocated for Information Technology to the Department of Computer Engineering. The list of furniture & electrical items is enclosed herewith.

Now, it is therefore, requested to submit the cost estimate alongwith detailed specifications of the furniture & electrical items for the above said work as cited in the subject. It is also requested that CPWD may ensure that regarding expenditure for providing furniture & electrical items in the SCOE Block will be met out from the A/A & E/S already conveyed.

This is for your information and further necessary action please.

This may please be treated as most urgent.

*Mungol*  
23.04.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil), NITK
2. Faculty I/C (E&C)
3. Faculty I/C (EM&T)
4. Dean (P&D) for kind information please
5. Assistant Engineer (Civil.), CPWD, NIT Camp office
6. Assistant Engineer (Elect.), CPWD, NIT Camp office
7. Executive Engineer (Elect) CPWD, 208-D, HSIIDC, Sector-3, Karnal-132001
8. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
9. PS to Registrar for kind information of the Registrar
10. Assistant Registrar to Director for kind information of the Hon'ble Director

DEPARTMENT OF COMPUTER ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

Diary No. 374

Dated... 12/4/21

2021/295

Dated: 09.04.2021

164

Subject: Furniture Requirements for newly allocated space for Information Technology.

Please find attached herewith the details of furniture related items in the upcoming space allocated for Information Technology to the Department of Computer Engineering. An estimated budget requirement for these items is also indicated.

It is requested that the procurement and installation of these items may be completed by the time of handover of the blocks. The estimated budget mentioned above is already a part of the amount communicated to Prof. Surinder Deswal for FY 21-22 and FY 22-23.

Submitted, please.

Head of Department  
9/4/2021

Dean (P&D)

12/4/21

Prof. I/C (Estate & Construction)

for I/C (E&C)

Mungel  
13.04.21

Encl.:

1. Details of Required Furniture
2. Specifications of fixed computer table furniture.
3. Maps of the Buildings.

A.E.C.C.  
Pl. communicate the same  
to CPWD as decided by the  
authority.

SSD/TEC  
15/4/21  
S  
15/4/21  
R  
15/4/21  
15/4/21

FY 2021-22																				FY 2022-23						
Sl. No.	Room Name	Room Area (in Feet)	Podium	Open Rack-4 shelves	Book Shelf-4 shelves	Steel Almirah-4 shelves	Sofa Set and HOD Chairs/Tables	Notice Board-3 x 4 ft	Magnetic White Board-5 x 10 / 5 x 6 ft	Aluminium partition-With Door	Key Holder Box-21 Hooks Wall Mounted	Student Chair (Steel)-Laminated Plywood writing Pad	Student Desks/Bench-Alongwith provision of plug point per seat	Comp. Table Flexible	Comp. Table Fixed	Computer Chairs- Revolving with arms	Faculty Table for Labs	Faculty Table for Rooms	Faculty/ Visitor Chair	Blinds/ Curtains	Open Rack-4 shelves	Pigeon-hole Mailbox- 50 boxes	Computer Chair- Revolving with arms	Faculty Table for Labs	Faculty Table for Rooms	Faculty/ Visitor Chair
R1	Lab 1	30 x 19		1		1		1	1					2	1	30	1		5	1	0		0	0		0
R2	Server Room	11 x 19				1										4	1			1			0	0		
R3	Conf. Room	28 x 30	1					1	2			50		1		1					1		0			
R4	Lab 2	42 x 19		0		1		1	1						1	0	0	0	0	0	1	1		45	1	5
R5	Lab 3	40 x 19		0		1		1	1	1					1	0	0	0	0	0	1	1		45	1	5
R6	UPS Room	20 x 20								1																
R7	Lecture Hall 1	42 x 30	1*						0				0							0						
R9	HOD Room	20 x 19			1	1	1	2	1					2		2		1	6	1			0		1	0
R10	Office	10 x 14		1		2		2	1		1			2		4	2		2	1	0		0	0		0
R11	Store Room	20 x 10		2		2								1		1	1		2	1	0		0	0		0
R12	Lecture Hall 1	20 x 10			1	1			1					2		2		1	4	1			0		1	0
R13	Lecture Hall 2	42 x 30	1*						0											0						
R14	Faculty Room 2	20 x 10			1	1			1					2		2		1	4	1			0		1	0
R15	Faculty Room 3	20 x 10			1	1			1					2		2		1	4	1			0		1	0
Corridor																										
S1	Central Facility	25 x 30		1		1		1	1					25		25				1	0		0			
S2	Lab 1	25 x 30		1		1		1	1						1	44	1		5	1	0		0	0		0
S3	Lab 2	25 x 30		1		1		1	1						1	72	1		8	1	0		0	0		0
S4	Faculty Room 1	20 x 17			1	1			1					2		2		1	4	1			0		0	0
S5	Faculty Room 2	20 x 17			1	1			1					2		2		1	4	1			0	0	0	0
Quantity			3	7	6	17	1	11	16	2	1	50	0	43	5	193	7	6	48	8	2	1	90	2	4	10
Estimated Budget (in ₹)			25000	84000	90000	425000	150000	88000	240000	200000	7000	400000		301000	800000	1351000	84000	240000	384000	216000	24000	40000	630000	24000	160000	80000

\*. Not included in estimated budget

6043000 + 1327620 = 7370620

APR 2022

16

## **Fixed Computer Table for IT Labs (R1, R2 and R3) on the second floor of MCA Block**

Fixed computer tables fabricated out of commercial quality plywood (thickness 0.75 inch or above) with at least 0.8 mm good quality mica with teakwood beading and polish wherever required.

**There will be three rows, two along the wall and one in the center having following specifications:**

- Plywood for placing Monitor and CPU should be of size (width 16 inch, length 265 ft).
- Plywood for placing the keyboard and mouse should be of size (width 24 inch, length 265 ft).
- There should be a vertical support of size (length 16 inch, height 4 inch) in the form of plywood strips 30 inch apart (which will act as a partition for each computer) between upper and lower plywood.
- Steel frame with legs (height 27 inch) of type MS angle 40 x 40 x 6 mm<sup>3</sup>. It should be painted with rust proof coating and black paint.
- There should be a vertically placed plywood board of size (width 16 inch, length 265 ft) behind the Monitor and CPU for placing two channels one each for housing UTP cable and electrical wires at the rear of the board and for placing 3 x 5A socket boards and I/O nodes at the front of the board.
- There should be a circular hole of 3 inch on top of the table for passing necessary wires.

### **Terms and conditions**

1. The laminated plywood board used should be termite-proof and water-proof.
2. Samples of mica, plywood and channels to be fitted should be shown to the concerned person in the department before fixing.
3. Please feel free to visit Computer Engineering Department laboratories before initialisation the work.

*for* *above*

(20)

The development of laboratories in the upcoming blocks will be carried out in a phased manner (Semester-wise) to be completed in FY 2021-22 and FY 2022-23 (1st Qtr). An estimated budget requirement for these items is also indicated above.

It is requested that the above items may be procured and installed in the upcoming blocks. The estimated budget mentioned above is already a part of the amount communicated to Prof. Surinder Deswal for FY 21-22 and FY 22-23.

Submitted, please.

(Signature) (Signature)

Room No.		Room Name	Room Area (in Feet)	FY 2021-22						FY 2022-23
				3 X 5A Socket Board		1 x 5A Socket Board	15A Socket Board	6 KVA Online UPS	10 KVA Online UPS	6 KVA Online UPS
				On Wall	On Fixed Comp. Table	On Fixed Student Desks				
MCA Block	R1	Lab 1	30 x 19	5	27		2			
	R2	Server Room	11 x 19	6			2			
	R3	Conf. Room	28 x 30	4			2			
	R4	Lab 2	42 x 19	6	42		2			
	R5	Lab 3	40 x 19	6	36		2			
	R6	UPS Room	20 x 20					2		5
	R7	Lecture Hall 1	42 x 30	0		90*	0			
	R9	HOD Room	20 x 19	5			2			
	R10	Office	10 x 14	4			2			
	R11	Store Room	20 x 10	2						
	R12	Faculty Room 1	20 x 10	4						
	R13	Lecture Hall 2	42 x 30	0		90*	0			
	R14	Faculty Room 2	20 x 10	4						
	R15	Faculty Room 3	20 x 10	4						
Total A				50	105	0	14	2	0	5
SCOE Block	S1	Central Facility	25 x 30	25			4		1	
	S2	Lab 1	25 x 30	6	34		2	1	1	0
	S3	Lab 2	25 x 50	4	66		4		2	
	S4	Faculty Room 1	20 x 17	4						
	S5	Faculty Room 2	20 x 17	4						
Total B				43	100	0	10	1	4	0
				93	205	0	24	3	4	5
Quantity Grand Total (A+B)				298		0	24	3	4	5

*Phd* *AR*

41

**Subject: Minutes of the meeting of Progress Review Committee of NIT Kurukshetra under the Chairmanship of Dean (P&D), held on 18.11.2021 at 10:00AM in the Board Room of Golden Jubilee Administrative Building of the Institute to discuss the progress of completed/on-going construction works allotted to CPWD and to resolve any outstanding issues in the execution of works.**

The following were present in the meeting.

1. Prof. Brahmjit, Dean (P&D), In Chair
2. Prof. Arun Goel, Prof. I/C (E&C)
3. Dr. H.D. Chalak, Faculty I/C (E&C)
4. Dr. Sandeep Kakran, Faculty I/C (EM&T)
5. Er. S.N. Kaushik, A.E. (Civil)
6. Er. Ashish Choudhury, A.E. (Elect.)
7. Sh. Rajesh Kumar, J.E. (Civil)
8. Sh. Rakesh Kumar, J.E. (Elect.)
9. Superintending Engineer (Civil), CPWD
10. Executive Engineer (Civil), CPWD
11. Executive Engineer (Elect.) CPWD
12. Assistant Engineer (Civil), CPWD
13. Assistant Engineer (Elect.), CPWD
14. J.E. (Civil), CPWD
15. J.E. (Elect.), CPWD

At the outset Prof. I/C (Estate & Construction) on behalf of Dean(P&D) welcomed all the members present in the meeting and also introduced Dean (P&D) to all the CPWD members. He also apprised the committee regarding the progress of completed/on-going construction works executed/being executed by CPWD at NIT, Kurukshetra.

The following issues were discussed and resolved as under:

1. **Provision of pre-feb construction of 2nd floor over the Old MBA Block (New workshop Building) for civil, electrical & air conditioning work.**

The Executive Engineer (Civil), CPWD apprised that the physical progress of the work is 95% and remaining work will be completed by **30<sup>th</sup> November, 2021** in all respect.

2. **Construction of Additional Floor over the existing building of MBA/MCA Deptt. with conventional permanent construction instead of pre-feb construction**

The Executive Engineer (Civil), CPWD apprised that the physical progress of the work is 85% and remaining work will be completed by **15<sup>th</sup> December, 2021** in all respect. During the discussion it was asked to CPWD to provide the granite on walls towards Siemens Centre adjacent to connecting passage to maintain the symmetry. In this regard, the CPWD also apprised that the granite has been provided on the walls on either side of connecting passage between MBA/MCA and Siemens Centre.

Further, the matter regarding wall fans instead of ceiling fan was discussed in the meeting and resolved that as the required head room is not available so the wall fans may be provided as per the site conditions.

After the meeting, the committee visited the site of construction the MBA/MCA and discussed regarding the replacement of existing aluminium glazing of main entrance being in shabby condition. After detail deliberation it was resolved that the same may be replaced with the suitable material for improving the ambiance & aesthetic of the entrance door and the proposal will be submitted by CPWD.

3. **Widening of various roads in the Institute**
  - (i) **Road from Apollo Canteen to Security Check Post between Hostel No. 7 & 8 along with the provision of footpath as per site requirement**
  - (ii) **Road from Tubewell No. 5 to Junction near Disposal pump along with the provision of footpath as per site requirement.**
  - (iii) **Road from Junction near disposal pump to North West corner of Guest House.**

The Executive Engineer (Civil), CPWD apprised that the physical progress of the work of widening of various roads is 90%. Further, he also apprised that the work will be completed by **15<sup>th</sup> December, 2021** in all respect.

4. **Provision of access of Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west.**

The Executive Engineer (Civil), CPWD apprised that the physical progress of the work is 60% and remaining work may be completed by **30.11.2021** in all respect. Further, the committee decided that roof sheeting of white colour as per the sample submitted by CPWD.

5. **Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.**

The Executive Engineer (Civil), CPWD apprised that the physical progress of the work is 50% and remaining work may be completed by 30.11.2021 in all respect. Further, the committee decided that roof sheet of white colour be provided as per the sample shown by CPWD in the meeting.

6. **Pending documents for providing & Installation of Electrical Sub-Station HT/LT distribution and feeder pillars in residential area at NIT, Kurukshetra.**

The Institute apprised that the payment of Rs. 10,88,578/- is in process according to the final UC submitted by CPWD. Further Executive Engineer (Elect.), CPWD informed that pending documents would be submitted within one week time.

7. **Repair of Sewage Treatment Plant (STP) at NIT, Kurukshetra.**

The Executive Engineer (Civil), CPWD apprised that the repair work of MBBR Units and Tube Settlers of the STP has been completed and STP is in working condition. Further, the Committee was apprised that there is still water leakage through the tube settlers even after carrying out the repair and now it needs pressure grouting to fill up the pores. The Executive Engineer (Civil), CPWD informed that the repair of tube settlers wall will be carried out from inside by using pressure grouting technique.

8. **Any other item**

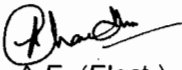
(i) **Provision of furniture for the construction of additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-fab construction.**

(ii) **Provision of furniture for the work of pre-fab construction of 2nd floor over the Old MBA Block (New Workshop Building) for civil, electrical and air conditioning works**

The Executive Engineer (Civil), CPWD apprised that the works listed at no. 1 & 2 are almost in completion stage and also apprised that the approval for the supply of furniture is awaited from the Institute. Further, the Executive Engineer (Elect.), CPWD intimated that electrical wiring work is pending due to not fixing of furniture. In this regard CPWD suggested that the final UC of completed work be submitted to the Institute and remaining electrical work will be executed alongwith the work of furniture.

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

The minutes of the Progress Review Committee are submitted for kind consideration and approval please.

  
A.E. (Elect.)

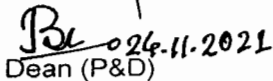
  
J.E. (Civil)

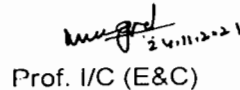
  
J.E. (Elect.)

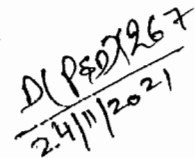
  
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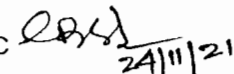
  
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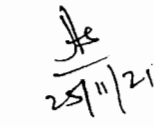
  
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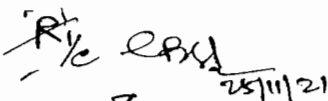
  
Dean (P&D) 24.11.2021

  
Prof. I/C (E&C)

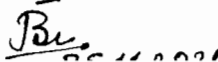
  
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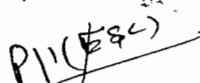
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24/11/21

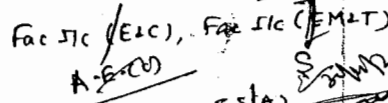
DIRECTOR   
25/11/21

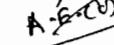
  
Dean (P&D) 25/11/21

  
Dean (P&D)

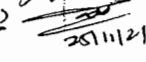
  
Dean (P&D)

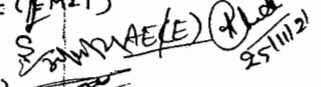
  
Prof. I/C (E&C)

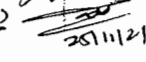
  
Faculty I/C (E&C), Faculty I/C (EM&T)

  
A.E. (Civil)

  
A.E. (Civil)

  
A.E. (Civil)

  
A.E. (Civil)

  
A.E. (Civil)





**ESTATE SECTION  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119**

No./CC/3586/ 729/4930

Dated 29.11.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.),  
Karnal Central Electrical Division, CPWD,  
208-D, HSIIDC, Sector-3, Karnal-132001

Subject: Minutes of the meeting of Progress Review Committee of NIT Kurukshetra  
held on 18.11.2021 - Regarding

Approval of the competent authority of the Institute is hereby conveyed regarding  
grant of extension of time for completion of various ongoing works whose details are given as  
under:

Sr. No.	Name of work	Decision taken in the meeting held on 18.11.2021
1.	Provision of pre-fab construction of 2nd floor over the Old MBA Block (New workshop Building) for civil, electrical & air conditioning work.	The physical progress of the work is 95% and remaining work will be completed by 30 <sup>th</sup> November, 2021 in all respect.
2.	Construction of Additional Floor over the existing building of MBA/MCA Deptt. with conventional permanent construction instead of pre-fab construction	The physical progress of the work is 85% and remaining work will be completed by 15 <sup>th</sup> December, 2021 in all respect. Further, the wall fans may be provided as per the site conditions. After the meeting, the committee visited the site of construction the MBA/MCA and discussed regarding the replacement of existing aluminium glazing of main entrance being in shabby condition. After detail deliberation it was resolved that the same may be replaced with the suitable material for improving the ambiance & aesthetic of the entrance door and the proposal will be submitted by CPWD.
3.	Widening of various roads in the Institute (i) Road from Apollo Canteen to Security Check Post between Hostel No. 7 & 8 along with the provision of footpath as per site requirement (ii) Road from Tubewell No. 5 to Junction near Disposal pump along with the provision of footpath as per site requirement. (iii) Road from Junction near disposal pump to North West corner of Guest House	The physical progress of the work of widening of various roads is 90% and remaining work will be completed by 15 <sup>th</sup> December, 2021 in all respect.
4.	Provision of access of Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the inside boundary wall towards west.	The physical progress of the work is 60% and remaining work may be completed by 30.11.2021 in all respect. Further, the roof sheeting of white colour is decided as per the sample submitted by CPWD in the meeting.



**ESTATE SECTION  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119**

5.	Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.	The physical progress of the work is 50% and remaining work may be completed by 30.11.2021 in all respect. Further, the roof sheet of white colour be provided as per the sample shown by CPWD in the meeting.
6.	Pending documents for providing & Installation of Electrical Sub-Station HT/LT distribution and feeder pillars in residential area at NIT, Kurukshetra.	The payment of Rs. 10,88,578/- is in process according to the final UC submitted by CPWD. Further Executive Engineer (Elect.), CPWD informed that pending documents would be submitted within one week time.
7.	Repair of Sewage Treatment Plant (STP) at NIT, Kurukshetra.	The repair work of MBBR Units and Tube Settlers of the STP has been completed and STP is in working condition. However, there is still water leakage through the tube settlers even after carrying out the repair and now it needs pressure grouting to fill up the pores. The Executive Engineer (Civil) CPWD committed that the repair of tube settlers wall will be carried out from inside by using pressure grouting technique.
8.	Any other item (i) Provision of furniture for the construction of additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-fab construction. (ii) Provision of furniture for the work of pre-fab construction of 2nd floor over the Old MBA Block (New Workshop Building) for civil, electrical and air conditioning works	The works listed at no. 1 & 2 are almost in completion stage and also apprised that the approval for the supply of furniture awaited from the Institute. Further, the Executive Engineer (Elect.), CPWD intimated that electrical wiring work is pending due to not fixing of furniture. In this regard CPWD suggested that the final UC of complete work be submitted to the Institute and remaining electrical work will be executed along with the work of furniture.

In view of the above, it is therefore, requested to instruct the concerned officials to complete the above mentioned works within the extended time period as decided in the Progress Review Committee meeting and approved by the competent authority of the Institute, so that these works may be handed over to the concerned.

This is for information and further necessary action please.

This may please be treated as most urgent.

*Amrinder*  
29.11.2021  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil), NITK
2. Faculty I/C (EM&T)
3. Faculty I/C (E&C)
4. Dean (P&D)
5. Assistant Engineer (Elect.), CPWD, NIT Camp office
6. Assistant Engineer (Civil), CPWD, NIT Camp office
7. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2<sup>nd</sup> Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
8. PS to Registrar for information of the Registrar
9. PS to Director for kind information of the Hon'ble Director



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

No./CC/3487/177

Dated 22.03.2021

Subject: Preparation of Institute Master Layout Plan - Regarding.

A meeting is scheduled to be held on 24.03.2021 (Wednesday) at 11:00 AM with the Architect, CPWD, Chandigarh in the office of Dean (P & D) to discuss Institute Master Layout Plan for the next 25 years alongwith the detailed justification of the various buildings in all three Sectors of the Institute i.e. Academic, Hostel and Residential. The following members are requested to be present for the meeting.

- 1 Prof. A. Swarup, Dean (P & D)
- 2 Prof. Arun Goel, Prof. I/C (E & C)
- 3 Ar. Anil Grover, Architect, CPWD, Chandigarh
- 4 Ar. Kamal Passi, Assistant Architect, CPWD, Chandigarh
- 5 Dr. H.D. Chalak, Faculty I/C (E&C)
- 6 Dr. Sandeep Kakran, Faculty I/C (EM&T)
- 7 Er. S.N. Kaushik, A.E. (Civil)
- 8 Er. Ashish Choudhury, A.E. (Electrical)

*Mungel*  
22.03.2021  
Prof. I/C (Estate & Construction)

All Concerned

Copy to:

1. PS to Registrar for kind information of Registrar
2. AR to Director for kind information of the Hon'ble Director
3. The Executive Engineer (Civil) CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
4. Assistant Engineer (Civil), CPWD, NIT Camp office

46

**BWC 27.3 To consider and approve the Preliminary Cost Estimate for the covering of open air theatre at NIT, Kurukshetra.**

The work of provision for Water Proofing Treatment of Cafeteria in Open Air Theatre was approved in its 25<sup>th</sup> B&WC meeting held on 27.05.2019 vide items no. 25.11 for an amount of Rs. 21,96,000/-. Subsequently, the same was approved by the Finance Committee in its 41<sup>st</sup> meeting and BOG in its 50th meeting held on 20.06.2019. The work was not executed as the competent authority desired to cover the Open Air Theatre instead of water proofing treatment as enclosed in **Appendix I from page 48 to 50.**

Accordingly, a letter sent to Executive Engineer (Civil), CPWD to submit the cost estimate for Covering of Open Air Theatre at NIT, Kurukshetra vide letter no. CC/173/1329 dated 05.03.2020. The Assistant Engineer (Civil), CPWD, Karnal submitted the Preliminary Cost Estimate for an amount of Rs. 2,60,94,700/- for the work of Covering of Open Air Theatre at NIT, Kurukshetra vide letter no. 23(NIT) /S.E.Karnal /2020/932 dated 28.12.2020 as enclosed in **Appendix II from page 51 to 61.**

The preliminary cost estimate of **Rs. 2,60,94,700/-** received from CPWD for the work of Covering of Open Air Theatre at NIT, Kurukshetra was put up before the Estate Affairs Committee held on 29.01.2021. The EAC discussed in detail and recommended that the same be put up before the B&WC after approval of the competent authority. The preliminary cum detailed cost estimate is being put up before the Building & Works Committee for approval as enclosed in **Appendix III from page 62 to 68.**

The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of **Rs. 2,60,94,700/-** for the works of Covering of Open Air Theatre at NIT, Kurukshetra.



- BWC 25.11** To consider and approve the cost estimate for Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra.

The Building and Works Committee deliberated on the matter that such type of works covers under preventive maintenance is required to be carried out to avoid occurrence of maintenance problems in the building and services. It is necessary to prevent the structure and services from deterioration and restore back in its original condition.

In view of the above after detailed discussion the Building and Works Committee approved the cost estimate with an amount of Rs. 21,96,000/- for special repair of Water Proofing Treatment of Cafeteria in Open Air Theatre of the Institute.

- BWC 25.12** To consider and approve the cost estimate for the repair work including Civil, Electrical and Audio System works in the Jubilee Hall & Senate Hall at NIT, Kurukshetra.

It was apprised to the Building & Works Committee that the Jubilee Hall and Senate Hall were constructed in the year 1990s and 2002 respectively. It was also apprised that the last special repair of Jubilee Hall was carried out in 2004. The Committee has also taken notes of the fact that the total student intake per year was about 1500 in 2004 and has been increase to 3500 in 2008-09. Further, at present the total strength of the students in the Institute is more than 5000.

In view of the above, the Building and Works Committee deliberated on the matter and approved the cost estimate with an amount of Rs. 4,10,97,120/- for special repairs and maintenance of Civil and Electrical works including Audio System in the Jubilee Hall & Senate Hall of the Institute as per detail furnished in the agenda item.

- BWC 25.13** To consider and approve the revised preliminary cost estimate for Construction of Indoor Badminton Hall at NIT, Kurukshetra.

The Building & Works Committee deliberated on the matter that the Administrative Approval & Expenditure Sanction already conveyed to CPWD in May, 2018. The Executive Engineer (Civil), CPWD invited the tender only on the basis of architectural drawings duly approved by the Institute instead of detailed structural design and drawings. The Executive Engineer (Civil),

48-2170 30.05.19  
 27/5/19



	Court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra	special repairs. It is necessary to prevent the structure and services from deterioration and restore it back to its original conditions which was constructed about 30 years back. In view of this the Building & Works Committee approved the cost estimate with an amount of Rs. 24,93,400/- for special repair including widening of existing Lawn Tennis Court in the Sports Complex of the Institute.	
BWC 25.11 ✓	To consider and approve the cost estimate for Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra	<p>The Building and Works Committee deliberated on the matter that such type of works covers under preventive maintenance is required to be carried out to avoid occurrence of maintenance problems in the building and services. It is necessary to prevent the structure and services from deterioration and restore back in its original condition.</p> <p>In view of the above after detailed discussion the Building and Works Committee approved the cost estimate with an amount of Rs. 21,96,000/- for special repair of</p> <p>Water Proofing Treatment of Cafeteria in Open Air Theatre of the Institute.</p>	Student Activity Fund
BWC 25.12	To consider and approve the cost estimate for the repair work including Civil, Electrical and Audio System works in the Jubilee Hall & Senate Hall at NIT, Kurukshetra.	<p>It was apprised to the Building &amp; Works Committee that the Jubilee Hall and Senate Hall were constructed in the year 1990s and 2002 respectively. It was also apprised that the last special repair of Jubilee Hall was carried out in 2004. The Committee has also taken notes of the fact that the total student intake per year was about 1500 in 2004 and has been increase to 3500 in 2008-09. Further, at present the total strength of the students in the Institute is more than 5000.</p>	Repair & Maintenance Head

ESTATE SECTION

Diary No. 1016

Dated. 22/7/19

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA  
KURUKSHETRA-136119 Haryana

No. NITK/41<sup>st</sup> FC/ 4163

Dated: 18.07.2019

The Finance Committee of the Institute in its 41<sup>st</sup> meeting held on 20.06.2019 has decided as under:

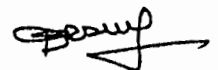
FC.41.4 To consider and approve the minutes of the 25<sup>th</sup> meeting of Building & Works Committee, National Institute of Technology, Kurukshetra held on 27<sup>th</sup> May, 2019.

The Finance Committee considered the recommendations made by the Building & Works Committee and recommended to the Board for its administrative approval and expenditure sanction to the works as mentioned in the agenda item.

Further, on item No. 25.13-related to construction of Indoor Badminton Hall, the Finance Committee decided that the final cost of the work should not be exceeded by 20% of the already sanctioned amount of Rs.77,20,525/-.

The Board of Governors in its 50<sup>th</sup> meeting held on 20.6.2019 has approved the above minutes of the Finance Committee.

This is for your reference, record and further necessary action in the matter.

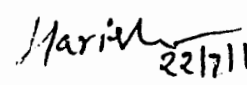


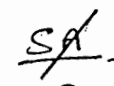
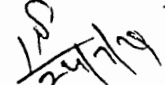
REGISTRAR

Encl: Agenda Item


Professor-in-Charge (Estate & Constructions)

Copy to:

1. Professor-in-Charge (Accounts)  22/7/19  
2. Assistant Engineer (Civil)

 22/7/19  
 22/7/19

 23/7

 24/7/19

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

No./CC/173/1329

Dated 05.03.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.)  
CPWD, 208-D, HSIIDC, Sector-3,  
Karnal-132001

**Subject:** Regarding revised cost estimates for the various works.

**Reference:** This office letter nos. CC/3511/631/5836 dated 04.10.2019 CC/3492/864/7194 dated 30.12.2019 & CC/3577/866/7196 dated 30.12.2019.

In continuation to letters under reference and also discussed in the 26<sup>th</sup> meeting of the Building & Works Committee of the Institute held on 25.02.2020.

You are requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 to 3, 7 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT flats.
3.	Water Proofing Treatment of Cafeteria in Open Air Theatre.
4.	Construction of shed for covering the Sports Complex Stairs.
5.	Construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court.
6.	Covering of Open Air Theatre.

This may be treated as most urgent.

*[Signature]*  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
7. PS to Registrar for kind information of Registrar
8. PS to Director for kind information of the Hon'ble Director





भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION

Diary No. 01

Dated. 01/01/2021



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एन.सी.ओ.-19-20, सेक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - 23(NIT)/अधी-अभि-करनाल/2020/ 932

दिनांक 28/12/2020

सेवा में,

✓ The Prof. Incharge  
(Estate & Construction)  
NIT, Kurukshetra  
To be put up in ensuing meeting of EAC.  
AEC  
SS/A  
01/01/21  
01.01.2021

विषय : Covering of open air theatre at NIT, Kurukshetra.

Dear Sir,

Enclosed Please find herewith Preliminary Estimate in duplicate amounting to Rs. 2,60,94,700/- i/c contingencies. The necessity for submission of P.E has been elaborated in history sheet of estimate.

It is therefore requested to convey the A/A & E/S from competent authority at the earliest and return one copy of sanctioned estimate for further necessary action.

This issues with the approval of Superintending Engineer-Karnal.

Encl : As Above

सहायक अभियन्ता-करनाल  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वैद्युत) के.लो.नि.वि. करनाल ।

सहायक अभियन्ता-करनाल

-59-

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

State: Haryana

Branch: B & R

Division: KD

Sub-Division: KSD

**NAME OF WORK:** Covering of open air theatre at NIT, Kurukshetra.

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
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This Preliminary estimate framed by Er. Prashant Aggarwal, Executive Engineer, Karnal Division & further processed in office of Superintending Engineer Karnal, CPWD, Karnal for the the estimated cost of work is Rs. 2,60,94,700/-

**REPORT**

**History:**

This preliminary cum detailed estimate amounting to Rs. 2,60,94,700/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction), NIT, Kurukshetra vide their letter No. CC/173/1329 dated 05.03.2020. Hence this preliminary cum detailed estimate has been framed for obtaining A/A & E/S of the competent authority.

**Design & Scope:**

**The following provisions have been made in this preliminary estimate:-**

1. Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and including priming and painting coats with synthetic enamel paint is adopted for the main columns entrance along with tie cables over the OAT sitting area with height at back side parapet level @ 2.5mtr, height in the centre @ 9.30mtr height at front @ 14.128mtr and width of proposed shed is 27.199mtr & length covering the entire sitting area along with covering of the stage with separate truss having centrally supported columns having truss height at back @ 3.212mtr, height at front @ 4.70mtr & width of proposed shed @ 20.085 mtr and length of proposed shed is 34.00mtr..
2. Design, Supply, Nesting, patterning, Cutting and Seaming of Tactical textile of Pre-constraint TX-30 of 1050 gram square per sqm or equivalent with 20years back to back warranty from manufacturer. The entire sitting area shall be covered with this tactical textile membrane as per the design & pattern shown in the enclosed drawings.
3. Structural consultancy for the design of tensile structure along with provisions for the foundation of tensile structure.

**Specification:**

Work shall be carried out as per CPWD Specification 2009 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate


- authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
  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 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 in addition to the payment made to the contractors for execution of work.
  6. The client department will help CPWD in :-
    - a. Providing site for labour huts for the contractor's labour free of cost.
    - b. Providing free access to contractor's material and labour to the site of work.
    - c. Providing electricity connection for execution of work on payment of usual charges, and
    - d. Sanction and release of load from the concerned Electricity Board/Authority.

**T & P:** Shall be arranged by the contractor.  
**WC Establishment:** Shall be met out of contingencies.  
**Land:** Available with client department.  
**Rate:** Based on DSR – 2018 & Market rates.  
**Method:** Through contract after call of tender.  
**Time:** 06 Months (After receipt A/A & E/S)  
**Cost:** Rs. 2,60,94,700/-.

**Note:-** The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc. if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years

-sd-

Executive Engineer (C)  
CPWD, Karnal

  
Assistant Engineer (C)  
O/o Superintending Engineer-Karnal  
CPWD, Karnal

  
Superintending Engineer-Karnal  
CPWD, Karnal

Name of Work:- Covering of open air theatre at NIT, Kurukshetra.

SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	10	STEEL WORK				
1.1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4410	kg	101.75	448718.00
1.2	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	882	kg	83.85	73956.00
1.3	10.2	Providing and fixing bolts including nuts and washers complete.	882	kg	128.45	113293.00
2	50	NON SCHEDULE				
2.1	50.3	Design, Supply, Nesting, patterning, Cutting and Seaming of Tactical textile of Pre-constraint TX-30 of 1050 gram square per meter of approved make with 20 yrs back to back warranty from manufacturer. The top coat must be of high concentration with cross linked molecule for extreme longevity and easy cleanability and superior white pigmentation of CC 3000. The high concentrated poly Vinyl Di Fluoride molecule should be needing aberration during welding of textile ensuring long life span. The dimensional stability of the of the textile should be measured as per elongation test of 24h -10daN/5cm which should confirm <1%-<1%(EN 15977) and residual elongation should confirm <0.4%-<0.4% (EN 15977) ensuring dimensional stability in both weft and waft direction with associated fixing accessories of GI wire ropes and cables, shackles, rigging screws, clamps and tensioning hardware. Rate should include cost of cable, corner fixture/hardware, anchor bolt at all heights complete as per drawings, specification and direction of Engineer-in-charge.	2440	SqMtr	3809.04	9294058.00
2.2	50.31	Structural consultancy for tensile structure.	1	L.S.	500000.00	500000.00
2.3	50.45	Provision of Foundation work for the columns.	1	Job	1000000.00	1000000.00
2.4	50.46	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 & painting with synthetic enamel paint of approved brand and manufacture to give an even shade with two or more coats on new work, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes (Based on DSR No. 10.16.1/13.61.1)	88180	Kgs	146.30	12900734.00
<b>TOTAL</b>						(A) 24330759.00
Add Contingencies @ 3%						729923.00
Add EPF & ESIC @ 4.25						1034057.00
<b>Grand Total</b>						<b>26094739.00</b>
						Say Rs. 2,60,94,700/-

-Sd-

Executive Engineer-Karnal  
CPWD, KarnalAssistant Engineer (Civil)  
O/o Superintending Engineer-Karnal  
CPWD, KarnalSuperintending Engineer-Karnal  
CPWD, Karnal

-55-

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

State: Haryana

Branch: B & R

**NAME OF WORK:** Covering of open air theatre at NIT, Kurukshetra.

Division: KD

Sub-Division: KSD

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This Preliminary estimate framed by Er. Prashant Aggarwal, Executive Engineer, Karnal Division & further processed in office of Superintending Engineer Karnal, CPWD, Karnal for the the estimated cost of work is Rs. 2,60,94,700/-.

**REPORT**

**History:**

This preliminary cum detailed estimate amounting to Rs. 2,60,94,700/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction), NIT, Kurukshetra vide their letter No. CC/173/1329 dated 05.03.2020. Hence this preliminary cum detailed estimate has been framed for obtaining A/A & E/S of the competent authority.

**Design & Scope:**

**The following provisions have been made in this preliminary estimate:-**

1. Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and including priming and painting coats with synthetic enamel paint is adopted for the main columns entrance along with tie cables over the OAT sitting area with height at back side parapet level @ 2.5mtr, height in the centre @ 9.30mtr, height at front @ 14.128mtr and width of proposed shed is 27.199mtr & length covering the entire sitting area along with covering of the stage with separate truss having centrally supported columns having truss height at back @3.212mtr, height at front @4.70mtr & width of proposed shed @20.085 mtr and length of proposed shed is 34.00mtr..
2. Design, Supply, Nesting, patterning, Cutting and Seaming of Tactical textile of Pre-constraint TX-30 of 1050 gram square per sqm or equivalent with 20years back to back warranty from manufacturer. The entire sitting area shall be covered with this tactical textile membrane as per the design & pattern shown in the enclosed drawings.
3. Structural consultancy for the design of tensile structure along with provisions for the foundation of tensile structure.

**Specification:**

Work shall be carried out as per CPWD Specification 2009 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate

- authority The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
  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 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 in addition to the payment made to the contractors for execution of work.
  6. The client department will help CPWD in :-
    - a. Providing site for labour huts for the contractor's labour free of cost.
    - b. Providing free access to contractor's material and labour to the site of work.
    - c. Providing electricity connection for execution of work on payment of usual charges, and
    - d. Sanction and release of load from the concerned Electricity Board/Authority.

**T & P:**

Shall be arranged by the contractor.

**WC Establishment:**

Shall be met out of contingencies.

**Land:**

Available with client department.

**Rate:**

Based on DSR – 2018 & Market rates.

**Method:**

Through contract after call of tender.

**Time:**

06 Months (After receipt A/A & E/S)

**Cost:**

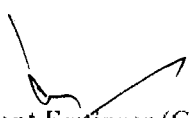
Rs. 2,60,94,700/-.

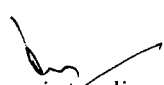
**Note:-**

The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc. if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years.

-sd-

Executive Engineer (C)  
CPWD, Karnal

  
Assistant Engineer (C)  
O/o Superintending Engineer-Karnal  
CPWD, Karnal

  
Superintending Engineer-Karnal  
CPWD, Karnal

## Name of Work:- Covering of open air theatre at NIT, Kurukshetra.

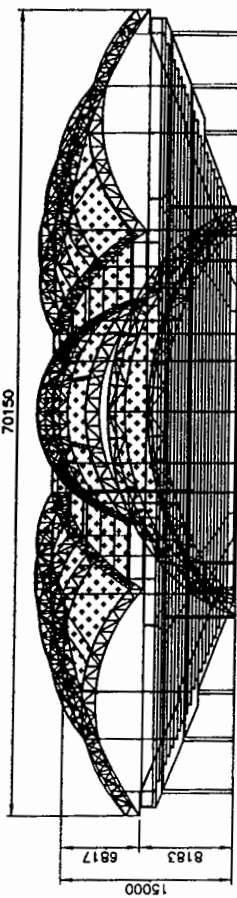
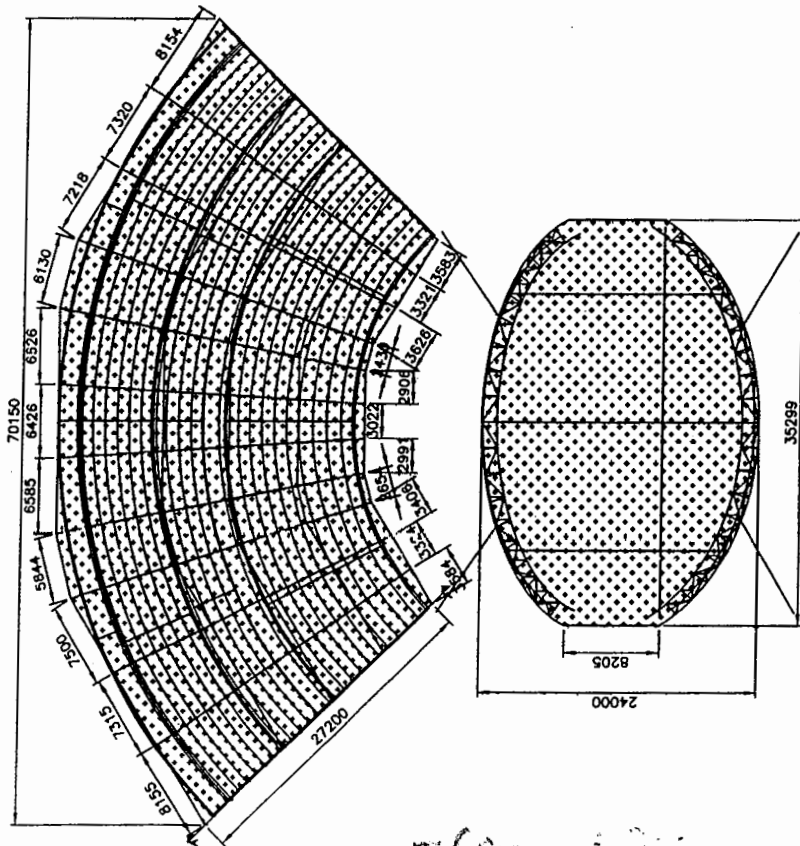
SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	10	STEEL WORK				
1.1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	4410	kg	101.75	448718.00
1.2	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	882	kg	83.85	73956.00
1.3	10.2	Providing and fixing bolts including nuts and washers complete.	882	kg	128.45	113293.00
2	50	NON SCHEDULE				
2.1	50.3	Design, Supply, Nesting, patterning, Cutting and Seaming of Tactical textile of Pre-constraint TX-30 of 1050 gram square per meter of approved make with 20 yrs back to back warranty from manufacturer. The top coat must be of high concentration with cross linked molecule for extreme longevity and easy cleanability and superior white pigmentation of CC 3000. The high concentrated poly Vinyl Di Fluoride molecule should be needing aberration during welding of textile ensuring long life span. The dimensional stability of the of the textile should be measured as per elongation test of 24h -10daN/5cm which should confirm <1%-<1%(EN 15977) and residual elongation should confirm <0.4%-<0.4% (EN 15977) ensuring dimensional stability in both weft and waft direction with associated fixing accessories of GI wire ropes and cables, shackles, rigging screws, clamps and tensioning hardware. Rate should include cost of cable, corner fixture/hardware, anchor bolt at all heights complete as per drawings, specification and direction of Engineer-in-charge.	2440	SqMtr	3809.04	9294058.00
2.2	50.31	Structural consultancy for tensile structure.	1	L.S.	500000.00	500000.00
2.3	50.45	Provision of Foundation work for the columns.	1	Job	1000000.00	1000000.00
2.4	50.46	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 & painting with synthetic enamel paint of approved brand and manufacture to give an even shade with two or more coats on new work, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes (Based on DSR No. 10.16.1/13.61.1)	88180	Kgs	146.30	12900734.00
TOTAL					(A)	24330759.00
Add Contingencies @ 3%						729923.00
Add EPF & ESIC @ 4.25						1034057.00
Grand Total						26094739.00
					Say Rs.	2,60,94,700/-

-Sd-

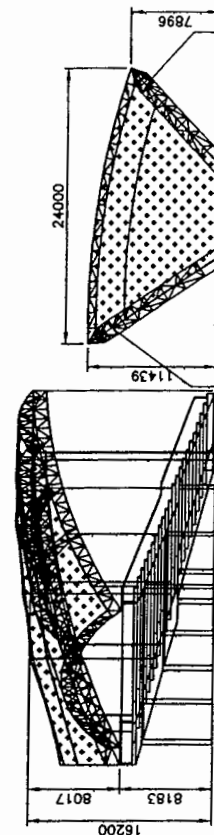
Executive Engineer-Karnal  
CPWD, KarnalAssistant Engineer (Civil)  
O/o Superintending Engineer-Karnal  
CPWD, KarnalSuperintending Engineer-Karnal  
CPWD, Karnal



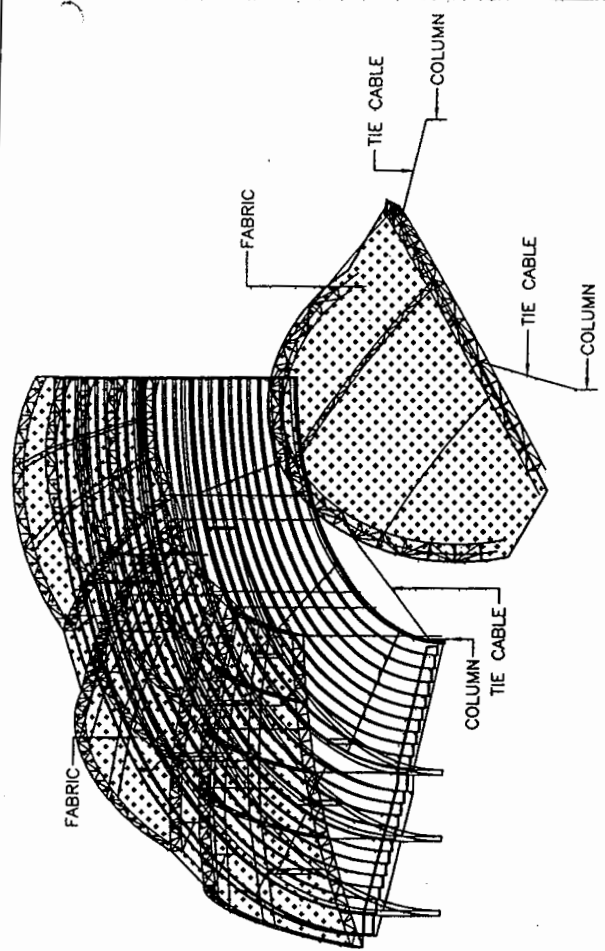




ELEVATION



SIDE ELEVATION

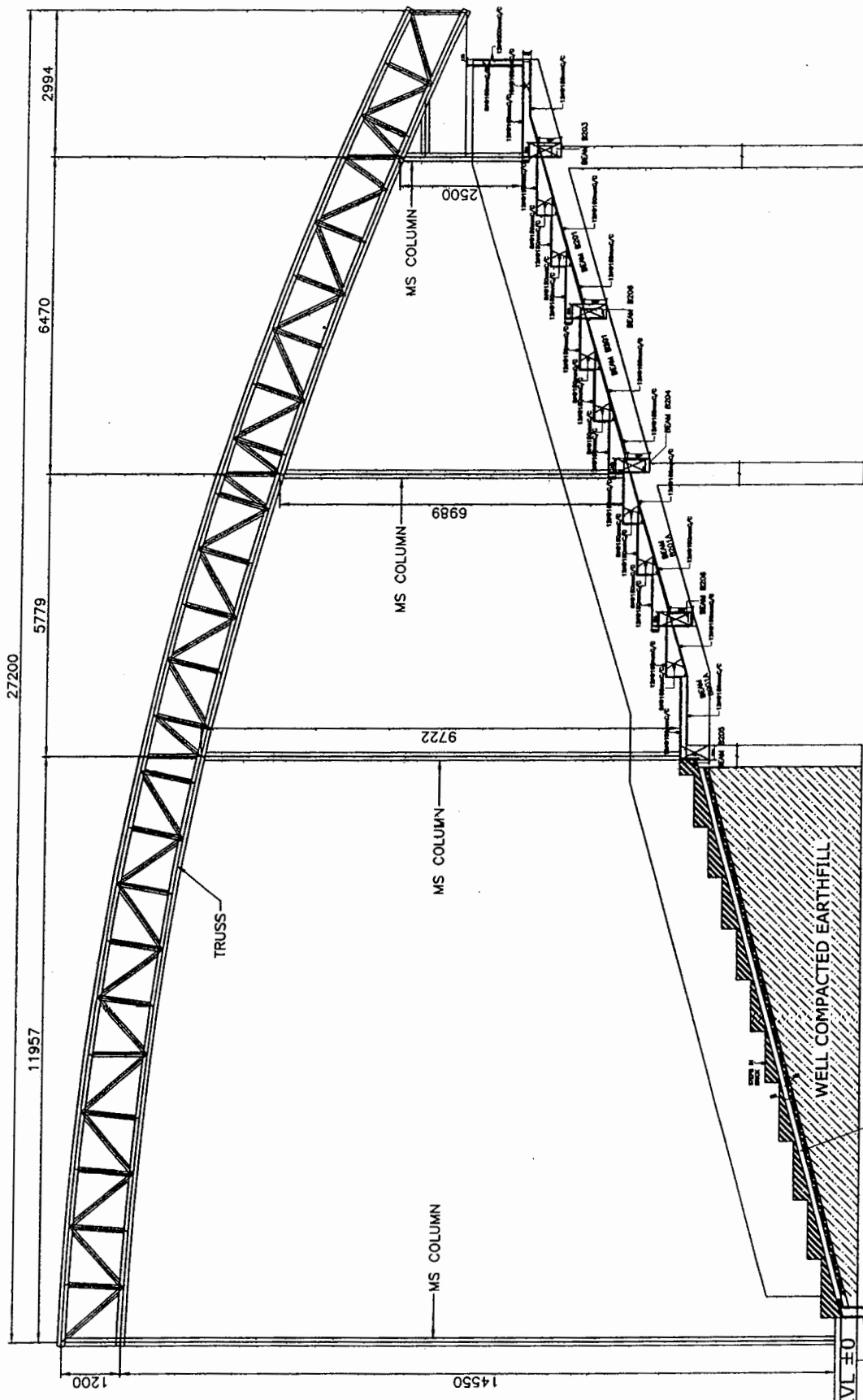


ISOMETRIC VIEW OF FABRIC STRUCTURE

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PROJECT :		PROPOSED FABRIC STRUCTURE AMPHI THEATRE COVERING	
SCALE	NAME	DATE	CLIENT
NTS	MSB	15-11-2019	OAT NIT KURUKSHETRA
DESIGNED	CHECKED	APPROVED	TITLE : GENERAL ARRANGEMENT OF DRAWING
NTS	MSB	15-11-2019	REV.No
NTS	MSB	15-11-2019	Q.DWG. No-STSPL-001
NTS	MSB	15-11-2019	SHEET 2 of 03

REMARK :-



SECTION A-A

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PROJECT :				PROPOSED FABRIC STRUCTURE AMPHI THEATRE COVERING			
SPRECH TENSO STRUCTURE PVT. LTD.				CLIENT : OAT NIT KURUKSHETRA			
SCALE	NTS	DRAWN	NAME	DATE	TITLE : SECTION A-A		
			MSB	15-11-2019			
PROJECTION	DESIGNED	CHECKED	AGP	15-11-2019			
					REMARK : -		
				REV.No	DRG. No-STSPIL-001		SHEET 3 of 03

Subject: Minutes of the meeting of Estate Affairs Committee held on 29.01.2021 in the office of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 29.01.2021 at 12:30 PM onward in the office of Dean (P&D) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 08.01.2020

The detailed discussion on action taken is enclosed as Annexure-I

2. To discuss the requests received from various Departments regarding provision of space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.

The requests received from various departments regarding provision of space requirement for new building i.e. Labs, Lecture Halls, Seminar Halls, Tutorial Rooms, Faculty Rooms, Storage space, Departmental Library and other utilities i.e. washroom etc. the request for space requirement of labs & office area at par with existing workshop area, new CNC Lab and expansion of other labs were put up before the committee. The Estate Affairs Committee discussed regarding the space requirements of various departments and deliberated on the matter. After detailed discussion the EAC recommends that a multi-storeyed Academic Building is required consisting of Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room and other utilities i.e. storage and washrooms including more permissible floors etc., existing labs, new Labs, CNC lab & Office area of Workshop. The provision of space for workshops and heavy machinery labs may be made at ground floor only. Accordingly, CPWD may be requested to propose a multi-storeyed Academic Building in consultation with Chief Architect CPWD and also submit the conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for proposed multi-storeyed Academic Building.

3. To discuss the request received from HoD (Civil) vide no. CED/47 dated 09.01.2020 regarding fixing of Kota Stone on the floor in various lab of Geotechnical Section, Civil Engg. Deptt.

This agenda item is clubbed in the Agenda item no. 5.

4. To discuss a Preliminary Cost Estimate of Rs. 2,60,94,700/- received from the office of Superintending Engineer (Civil) through Assistant Engineer (Civil), CPWD Karnal vide letter no. NIT-KKR/SEK/2020/932 dated 28.12.2020 for Covering the Open Air Theatre at NIT, Kurukshetra

The preliminary cost estimate of Rs. 2,60,94,700/- for the work of covering the Open Air Theatre was discussed in detail & deliberated in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.

5. To discuss the Preliminary Cost Estimate of Rs. 2,84,68,412/- received from the Superintending Engineer (Civil), CPWD, Karnal vide letter no. NIT-KKR/SEK/2020/511 dated 20.08.2020 for the work of Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECF, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. at NITK

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

The preliminary cost Estimate of Rs. 2,84,68,412/- for the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. including Agenda at item No. 3 was discussed in detail in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.

- 6 a) To discuss regarding the provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another at various locations in the existing Academic Buildings.

b) To discuss regarding ramps, walking aids & specially designed toilets etc. for PwD persons at various locations in the existing Academic Buildings.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the tentative proposed locations of lifts duly approved by the competent authority of the Institute may be sent to CPWD to submit the feasibility & structural stability report alongwith cost estimate for.

a) Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

b) Provision of ramps, walking aids & specially designed toilets etc. for PwD persons including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

- 7 To discuss the widening of roads between BB, BC & CB Type houses

The matter regarding widening of various roads between BB, BC & CB Type houses by providing cement concrete paver blocks was discussed in detail in the Estate Affairs Committee. The EAC resolved and recommended that the work may be executed from the savings of the work of widening of various roads in the Institute. CPWD may be asked to include this additional work in the A/A & E/S already conveyed for the work of widening of various roads in the Institute.

- 8 To discuss the request received from the Girl's Hostel regarding reimbursement of electricity bill.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the request received from the Girls Hostel through Chief Warden (Girls) may be forwarded to Dean (SW) for consideration & comments for all the hostels as per existing policy of the Institute.

- 9 To discuss the request received from HoD Elect. Engg. Deptt. regarding the installation of 40 KW Solar of Grid Plant at the roof top of Elect. Engg. Deptt.

The request was discussed in detail in the EAC meeting. The EAC resolved and recommended that the proposal may be allowed subject to the condition that no extra civil works will be executed on the proposed site including permanent staircase and no extra space will be allocated for the said purpose. The installation and electrical maintenance will be taken care by the Deptt. However, the generated electrical power may be utilized by the deptt. in addition to the research/lab. HoD will ensure the safety of students and working personnel at his own risk and responsibility

- 10 The works mentioned at item no. 10,11,12,13 &14 were discussed in detail in the to EAC meeting. The EAC resolved & recommended that such type of items may be 14 put up before the EAC after receiving the cost estimates from CPWD.

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- 15 Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 Regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the EAC was apprised that the CPWD was intimated vide letter no. CC/3581/440/3135 dated 29/30.09.2020 & CC/3581/13/106 dated 06.01.2021 for Investigation/ Inspection of Staff Quarters regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the CPWD has submitted a report vide letter no. 20(NIT)PS/KC/2020/134 dated 16.01.2021 and the conclusive part of the report is reproduced below:

*"In this regard, it is hereby intimated that for detailed report a detailed technical/structural audit of the building is required from some pioneer technical institution like IIT's/NITs which perform all the destructive/non destructive testing of the building structures. CPWD does not do a structural audit as no means/testing facilities are available to perform such audit. It is, therefore, requested to get the detailed structural audit/technical audit from some external agency or it can be done by your good self also as CPWD is getting many testing of its own works from NIT Kurukshetra and only then a point-wise detailed report can be prepared".*

The EAC discussed the letter in detail. The EAC resolved & recommended that since the matter has already been taken up by a special committee duly constituted by the competent authority, this matter may be referred to the same committee for further consideration.

- 16 **Provision of shed and flooring in the Open courtyard between G-102 and boundary wall of Non-Teaching Club.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the construction of shed in the open courtyard between G-102 and boundary wall of Non-Teaching Club is not feasible due to aesthetic point of view. However, committee recommended that the flooring in the open courtyard may be provided with suitable material which is available in the Estate Store.

- 17 **Construction of Boundary Wall around Hostel No. 5 & 6.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the boundary wall may be constructed partially towards East & West side of the safety and stopping the trespassing of that area. The CPWD may be requested to submit the cost estimate.

- 18 **Provision of dustbins, road of 6' wide on the East side of Hostel no.-5 and additional toilets in the bearer barracks.**

The matter was discussed in detail in EAC. The EAC was apprised that as per norms dustbins, road 6' wide and additional toilets have already been provided in bearer breaks. Hence EAC resolved and recommended that additional dustbins, toilets and 6' wide road would not be required. These additional dustbin will disturb the surround aesthetic.

- 19 **Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawla Girl's hostel and South West Corner of the Kalpana Chawla girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be written to CPWD for submission of cost estimate of the proposed work.

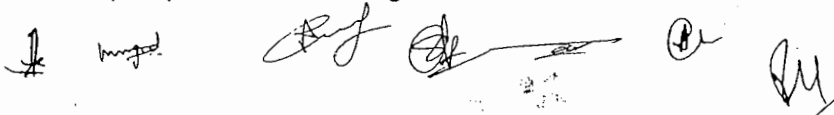
- 20 **To discuss regarding structural stability and economical repairs in the Guest House.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be sent to CPWD for providing a report on structural stability & economical repairs of the Guest House.

- 21 **Provision of furniture for additional floor over the existing building of MBA/MCA Department**

- 22 **Provision of furniture for 2nd floor over Old MBA Block (New Workshop Building).**

The matter regarding provision of furniture items in additional floor over the existing building of MBA/MCA Department & 2nd floor over Old MBA Block (New Workshop Building) was discussed in detail in the EAC. The EAC resolved and recommended that firstly requirement of furniture items may be obtained from the concerned Head of Departments, so that after compilation the same may be put up in the EAC meeting.



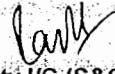



- 23 To report saving by installation of rooftop Solar Power Plant since last EAC meeting.  
The matter regarding reporting in saving by providing a roof top solar Power Plant was discussed in the EAC Meeting. The AE(Elect.) apprised that the total saving by installation of rooftop Solar Power Plant from January-2020 to December -2020 is Rs. 60,82,769/-.

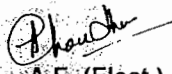
24 Any other item:

Under any other item the EAC was apprised that the existing shutters in the HT/LT Sub-Stations and metering room are deteriorating over a period of time. It was also apprised that the matter has also been explored from the local market that huge expenditure is required for their repair work. The EAC discussed the matter in detail and resolved that the existing shutters in the HT/LT Sub-Stations and metering room be replaced with suitable arrangement of these shutters at a minimum expenditure on buy back basis. The work may be executed by Estate Section.

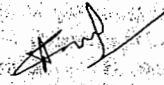
Submitted for kind consideration & approval please,

  
Faculty I/C (S&C)

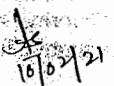
  
A.E. (Civil)

  
A.E. (Elect.)

  
Prof. I/C (E&C)

  
Faculty I/C (H&L)

  
Faculty I/C (EM & T)

  
Dean (P&D) & Chairman (EAC)

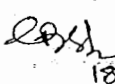
  
Registrar I/C

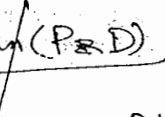
  
DIRECTOR

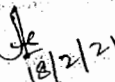
Approved recommendations except pt. No 5 & 9.

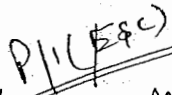
which needs details and deliberations.

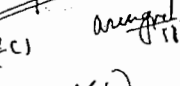
  
17/2/21


  
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Dean (P&D)

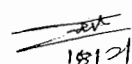
  
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P/I (E&C)

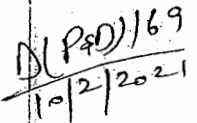
  
Fac I/C (E&C)

  
A.E. (C)

  
S&A

  
18/2/2021

  
19/2/21

  
10/2/2021

Registrar Office  
Dairy No 287  
Dt. 10/2/21

1.	To discuss regarding Action Taken on previous meeting was held on 08.01.2020
2.	<b>To discuss the requests received from various Departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.</b> As per decision of the EAC consolidated requirements including Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room etc. and space for workshops, power backup system and heavy machinery labs at ground floor have been received from various departments/schools etc. and the same has been compiled by Estate Section.
3	<b>To discuss the request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding construction of parking in Block -A</b> The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/117 dated 17.02.2020 that the construction of parking space was not included in the original plan in the Hostel. Therefore, it is not feasible to construct parking in Block-A at present.
4	<b>To discuss a letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings.</b> The decision of the EAC was conveyed to Executive Engineer (Civil), CPWD vide letter no. CC/3506/119/1058 dated 17.02.2020 to prepare the comprehensive plan for the installation of roof top rain water harvesting systems in the Institute buildings by channelizing the roof top rain water. No reply is received in this office till date. Again a letter has also been sent to Executive Engineer (Civil), CPWD vide no. CC/3506/62/425 dated 27.01.2021
5	<b>To discuss the request received from the Warden, Fanibhushan Bhawan (Hostel No.-6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary wall.</b> The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/116 dated 17.02.2020 that the boundary wall towards east face only or as per site requirement of Hostel No. 5 & 6 needs to be constructed to separate the hostels and bearer barracks.
6	<b>To discuss the request received from Prof. Anupam Mital, Prof./C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt.</b> The agenda item is being discussed under the Agenda item no. 5 in this meeting.
7	<b>To discuss the request received from Prof. N.P. Singh, HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 &amp; 111 of ECE Deptt.</b> The above said work has been included in the preliminary cost estimate of the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & Sports Section, CAD, Physics Department, School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Department etc. at

-65-

	NITK with the cost estimate of Rs. 2,84,68,412/- received from the CPWD vide no.NIT-KKR/SEK/2020/511 dated 20.08.2020
8	<p>To discuss regarding various works to be putup before the B&amp;WC in its ensuing meeting that is going to be held shortly.</p> <p>The following works have been approved by B&amp;WC in its 26th meeting and are in progress.</p> <ul style="list-style-type: none"> <li>i) Provision of Internal &amp; External finishing i.e. distempering &amp; painting including minor &amp; major repair in the Boys Hostel No. 4, 5 &amp; 6.</li> <li>ii) Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.</li> <li>iii) Re-carpeting of various roads in the Institutional and Hostel areas.</li> <li>iv) Widening of various roads in the Institute.</li> <li>a) Road from Apollo Canteen to Security Check Post between Hostel No. 7 &amp; 8 along with the provision of footpath as per site requirement.</li> <li>b) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.</li> <li>c) Road from Junction near disposal pump to North West corner of Guest House.</li> </ul> <p><b>A/A &amp; E/S of the following works have been conveyed to CPWD</b></p> <ul style="list-style-type: none"> <li>i) Provision of access to Golden Jubilee Administrative Building by providing a gate &amp; parking shed for two wheelers along the inside boundary wall towards west.</li> <li>ii) Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.</li> </ul> <p><b>The following works are to be executed in the next financial year</b></p> <ul style="list-style-type: none"> <li>i) Finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and Girls Hostel No.-1.</li> <li>ii) Construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP.</li> <li>iii) Renovation/ up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.</li> <li>iv) Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel &amp; MBA/MCA Department and road between Jubilee Hall &amp; Library including arrangement of drainage of storm water.</li> </ul>
9	<p>To discuss the request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide no. CC/3506/119/1058 dated 17.02.2020. No aluminium/glass partitioning for a small scale library is possible. However, if required, Hostel authority may provide aluminium/glass partitioning for a small scale library at their own level within space already available in common area.</p>
10	<p>To discuss the request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool.</p> <p>The estimate has been prepared by the Estate Section for the above said work and the same is in process to obtain the approval of the competent authority.</p>



11	<p>The following works were discussed in the previous meeting of EAC held on 08.01.2020 vide agenda item no. -11</p> <ul style="list-style-type: none"> <li>i) Construction of G+5 Building</li> <li>ii) Construction of Gymnasium Hall</li> <li>iii) Construction of Student Activity Centre (SAC)</li> <li>iv) (a) 750 capacity Single seater hostel (b) 750 capacity 2 seater hostel</li> <li>v) Construction of Community Centre</li> <li>vi) Construction of Auditorium Hall (2000 capacity)</li> </ul> <p>In this regard the decision of EAC was conveyed to CPWD to provide the Architectural drawings alongwith cost estimate. The same is still awaited from CPWD.</p>
12	<p><b>Any other item:</b></p> <p><b>a</b> The matter was discussed regarding on-going construction works being executed by CPWD. The work of renovation of ground floor and first floor including c/o lift &amp; staircase block for Old MBA Block (New Workshop Building) has been completed except rectification of defects already conveyed to CPWD.</p> <p><b>(i)</b></p> <p><b>(ii)</b> Providing E&amp;M services of ground floor &amp; first floor including goods lift and air conditioning system on additional floor over existing old MBA Block (New Workshop building are completed except rectification of defects already conveyed to CPWD and installation of lift is in progress.</p> <p><b>b</b> The work of construction of Indoor Badminton Hall has been completed, final inspection has also been carried out and list of defects has been conveyed to CPWD for rectification.</p> <p><b>i</b> The matter regarding construction of washrooms near Kurukshetra University side gate for security personnel was discussed in the EAC meeting. The EAC resolved that the washrooms be constructed near abandoned tube well no.-3, parking towards KUK main gate and sewerage line of Sports Ground be replaced as proposed in the drawing sketch. The feasibility near abandoned tube well no. -3 has been explored and observed that it is not possible.</p> <p><b>ii</b> The matter regarding disposal of removal of furniture lying in the various departments and occupying huge space was discussed in the EAC. The Prof. I/C (E&amp;C) apprised the EAC and EAC resolved that a letter has already been written to all HoDs/Chief Warden (Girls) vide no. CC/3506/252 dated 23.04.2019 regarding dumping the damaged furniture of their department in the allocated space of Alkhanda Bhawan.</p> <p><b>iii</b> The matter regarding increase the height of parapet wall in Hostel No. 4 &amp; 5 was discussed in the EAC. The EAC resolved that the height of parapet wall be increased as per site requirement. The work has been allotted to CPWD and is in progress.</p> <p><b>iv</b> The decision of the EAC has been conveyed to the Electrical Maintenance Section vide letter no. CC/3506/118 dated 17.02.2020 regarding providing uninterrupted electricity supply through DG Sets installed at Electrical Sub-Stations in the Institute, during various programs of the students at various locations in the Institute.</p>

-68-

*[Handwritten signatures and initials]*

**B&WC 27.4 To consider and approve the Cost Estimate for providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & Sports Section, CAD, Physics department, school of VLSI design & embedded system, Central Workshop, CED and Chemistry department etc at NIT, Kurukshetra.**

The work for providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments was approved in the 25<sup>th</sup> B&WC meeting held on 27.05.2019 vide items no. 25.3 for an amount of Rs. 1,42,15,862/- . Subsequently, the same was approved by the Finance Committee in its 41<sup>st</sup> meeting and BOG in its 50th meeting held on 20.06.2019 as enclosed in **Appendix IV from page 71 to 72.**

It is pertinent to mention here that during the detailed discussion in the 26<sup>th</sup> meeting of B&WC held on 25.02.2020 vide item no. 26.2 (25.3), the renovation work of Labs of Chemistry, Physics and H&SS departments has been completed. Further, the revised requirement for remaining work in the various Departments in consultation with the HoDs have been received and sent to the CPWD for the revised cost estimate as per DSR-2018. In this regard a letter was sent to Executive Engineer (Civil) & Executive Engineer (Elect.), CPWD for submission of the revised cost estimate for providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc in the various departments i.e. ECE, School of Material Science and Technology, MED, Physical Education & Sports Section, CAD, Physics department, School of VLSI Design & Embedded system, Central Workshop, CED and Chemistry Department etc at NIT, Kurukshetra vide letter no.CC/173/1329 dated 05.03.2020 as enclosed in **Appendix V from page 73 to 75.**

Further, in response to above said letter, the Superintending Engineer (Civil), CPWD, Karnal submitted the cost estimate for an amount of Rs. 2,84,68,412/- vide letter No. NIT-KKR/SCK/2020/511 dated 20.08.2020 for the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc in the various departments i.e. ECE, School of Material Science and Technology, MED, Physical Education & Sports Section, CAD, Physics department, School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Department etc. including the provision of wiring for light points in steel/recessed steel conduit with FRLS Copper

Conductor and with modular accessories, LED fittings, Energy saving fans, MCBDB - complete with MCB's & dismantling & reinstallation of existing LED fittings, energy saving fans & split type AC units as per height of false ceiling.

Accordingly, a cost estimate of **Rs. 2,84,68,412/-** received from CPWD was put up before the Estate Affairs Committee held on 29.01.2021 and the same was approved by the competent authority. After approval of the competent authority the preliminary cum detailed cost estimate is being put up before the Building & Works Committee for approval as enclosed in **Appendix VI from page 76 to 93**.

The Building & Works Committee may consider and approve the cost estimate for an amount of **Rs. 2,84,68,412/-** for the works of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc in the various departments i.e. ECE, School of Material Science and Technology, MED, Physical Education & Sports Section, CAD, Physics department, School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry department etc at NIT, Kurukshetra.



**BWC 25.3** To consider and approve the cost estimates for providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments.

The BWC noted that most of the buildings were constructed during the years 1970 and 80's. After detailed deliberations the BWC approved the cost estimate with an amount of Rs. 1,42,15,862/- for providing and fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. as special repairs & maintenance in the various departments of the Institute as per the detail furnished in the Agenda Item.

**BWC 25.4** To consider and approve the cost estimate for the provision of internal & external finishing i.e. distempering & painting in the Boys Hostels 1 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT type houses.

The BWC noted that year of construction and subsequent maintenance of the hostels & staff quarters/houses and after detailed discussion approved the cost estimate with an amount of Rs. 11,07,24,672/- for distempering and painting being special repairs & maintenance in the Boys Hostels 1 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT type houses in the Institute, as per the detail furnished in the Agenda Item.

**BWC 25.5** To consider and approve the cost estimate for the construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building at NIT, Kurukshetra. ✓

The Building and Works Committee deliberated on the matter and approved the cost estimate with an amount of Rs. 74,13,100/- for the construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex & MBA/MCA and upto the road towards south side of LHC and MBA/MCA buildings of the Institute.

*[Signature]*

2780  
30/05/19

3215/19

ESTATE SECTION

Diary No. 1016

Dated. 22/7/19

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA  
KURUKSHETRA-136119 Haryana

No. NITK/41<sup>st</sup> FC/ 4163

Dated: 18.07.2019

19

The Finance Committee of the Institute in its 41<sup>st</sup> meeting held on 20.06.2019 has decided as under:

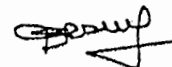
FC.41.4 To consider and approve the minutes of the 25<sup>th</sup> meeting of Building & Works Committee, National Institute of Technology, Kurukshetra held on 27<sup>th</sup> May, 2019.

The Finance Committee considered the recommendations made by the Building & Works Committee and recommended to the Board for its administrative approval and expenditure sanction to the works as mentioned in the agenda item.

Further, on item No. 25.13-related to construction of Indoor Badminton Hall, the Finance Committee decided that the final cost of the work should not be exceeded by 20% of the already sanctioned amount of Rs.77,20,525/-.

The Board of Governors in its 50<sup>th</sup> meeting held on 20.6.2019 has approved the above minutes of the Finance Committee.

This is for your reference, record and further necessary action in the matter.



REGISTRA

Encl: Agenda Item

Professor-in-Charge (Estate & Constructions)

Copy to:

All Faculty Incharges / AEC / 22/07/19

1. Professor-in-Charge (Accounts)
2. Assistant Engineer (Civil)

22/7/19

72- SA 22/7/19

23/07

24/7/19



Nominee of the Central Government on the B&WC of the Institute, Deptt. of Higher Education M.H.R.D., Shastri Bhawan New Delhi-110001 and Shri A K Singhal, Director General (Retired), C.P.W.D, could not attend the meeting.

Before the start of the deliberations, the Registrar on behalf of Hon'ble Director and Chairman Building & Works Committee welcomed all the members present in the meeting. The Chairman, B&WC also extended warm welcome to the new member on B&WC of the Institute Er. Prashant Agarwal Executive Engineer (Civil), Karnal Central Division, CPWD, NDRI Campus, Near SBI, Karnal. At the outset the Chairman B&WC informed and apprised the members regarding the progress of ongoing construction works being executed by CPWD at NIT, Kurukshetra.

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

**BWC 26.1 To confirm the minutes of 25<sup>th</sup> meeting of Building & Works Committee held on 27.05.2019.**

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

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

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

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

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*[Handwritten signatures and initials]*



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

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

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No./CC/173/1329

Dated 05.03.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.)  
CPWD, 208-D, HSIIDC, Sector-3,  
Karnal-132001

Subject: Regarding revised cost estimates for the various works.

Reference: This office letter nos. CC/3511/631/5836 dated 04.10.2019 CC/3492/864/7194 dated 30.12.2019 & CC/3577/866/7196 dated 30.12.2019.

In continuation to letters under reference and also discussed in the 26<sup>th</sup> meeting of the Building & Works Committee of the Institute held on 25.02.2020.

You are requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 to 3, 7 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT flats.
3.	Water Proofing Treatment of Cafeteria in Open Air Theatre.
4.	Construction of shed for covering the Sports Complex Stairs.
5.	Construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court.
6.	Covering of Open Air Theatre.

This may be treated as most urgent.

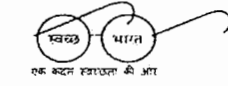
  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
7. PS to Registrar for kind information of Registrar
8. PS to Director for kind information of the Hon'ble Director

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भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एस.सी.ओ.-19-20, सैक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - NIT-KKR/अधी-अभि-करनाल/2020/511

दिनांक 20/08/2020

सेवा में,

✓  
Prof. I/C (Estate & Construction )  
National Institute of Technology  
Kurukshetra

AECC/AE(E)  
24/8/20

विषय :

Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I sheet shed etc in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc at NIT, Kurukshetra.

20/08/2020

संदर्भ :

Sanction No. CC/3492/864/7194 dated 30.12.2019

Enclosed Please find herewith Preliminary Estimate in duplicate amounting to Rs. 2,84,68,412/- i/c contingencies. The necessity for submission of P.E has been elaborated in history sheet of estimate.

It is therefore requested to convey the A/A & E/S from competent authority at the earliest and return one copy of sanctioned estimate for further necessary action.

Encl : As Above

अधीक्षण अभियन्ता-करनाल  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वैद्युत) के.लो.नि.वि. करनाल ।

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अधीक्षण अभियन्ता-करनाल

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**State: Haryana**

**Branch: B & R**

**Division: KD**

**Sub-Division: KKR**

**NAME OF WORK:** Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I sheet shed etc in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc at NIT, Kurukshetra.

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This Preliminary estimate framed by Er. Prashant Aggarwal, Executive Engineer, Karnal Division and further processed in office of Superintending Engineer Karnal, CPWD, Karnal for the the estimated cost of work is **Rs. 2,84,68,412/-** including 3% contingencies, 11.90% EPF & ESIC.

**REPORT**

**History:**

This Preliminary estimate amounting to **Rs. 2,84,68,412/-** (i/c 3% contingencies, 11.90% EPF & ESIC) has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction), NIT, Kurukshetra vide their letter No. /CC/3492/864/7194 dated 30.12.2019 mentioned at Sr. No. 1 (copy enclosed). Hence this preliminary estimate has been framed for obtaining A/A & E/S of the competent authority.

**Design & Scope:**

**Civil :**

**The following provisions have been made in this preliminary estimate:-**

**The work in the following buildings is to be done as per the joint inspection of Assistant Engineer, NIT and AE, CPWD.**

- (i) Electronics & communication department
- (ii) Civil engineering department.
- (iii) School of material science
- (iv) Mechanical engineering department
- (v) Physical education and sports section
- (vi) Chemistry department
- (vii) Physics department
- (viii) Workshop building
- (ix) Department of computer application.

**The following provision has been made after detailed inspection of the each building.**

1. Hacking of existing flooring including cleaning of surface etc. complete.
2. Provision of vitrified floor tiles on flooring & skirting of size 600x600mm having joints of 3 mm width and the joint shall be grouted with epoxy grout mix, tiles shall be laid with cement based high polymer modified quick set tile adhesive i/c providing and laying leveling course of cement concrete 1:3:6 wherever required.
3. Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry in cement mortar 1 : 4 (1 cement : 4 coarse sand) i/c providing and laying leveling course of cement concrete 1:3:6 wherever required.
4. Taking out existing wooden door shutter, repair by cutting, painting etc. and re-fixing of repaired door shutters to existing door frames.
5. Providing and fixing tiled false ceiling of specified materials having borders provided with 12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard along with mild steel tubular frame for supporting the false ceiling.
6. Providing and fixing aluminium work for doors, windows, ventilators and partitions for fixed portions & door & window shutters along with the 12 mm thick Pre-laminated particle board

with decorative lamination on both sides and glazing with panes of 5 mm thickness as per the requirements.

7. The aluminium fittings such as bright finished brass 100 mm mortice latch and lock, aluminium tower bolts of size 250x10 mm, aluminium extruded section body tubular type universal hydraulic door closer etc.

## **Electrical :**

**The following provisions have been kept in this estimate:-**

1. Wiring for light pts in steel / recessed steel conduit with FRLS Copper Conductor and with modular accessories.
2. LED fittings.
3. Energy saving fans.
4. MCBDB – complete with MCB'S..
5. Dismantling & Reinstallation of existing LED fittings, Energy saving fans & Split type AC units as per height of false ceiling.

## **Specification:**

Work shall be carried out as per CPWD Specification 2009 Vol. I & II with up to date correction slip shall be followed.

## **Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work: These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.
6. The client department will help CPWD in :-
  - a. Providing site for labour huts for the contractor's labour free of cost.
  - b. Providing free access to contractor's material and labour to the site of work.
  - c. Providing electricity connection for execution of work on payment of usual charges, and
  - d. Sanction and release of load from the concerned Electricity Board/Authority.

## **T & P:**

Shall be arranged by the contractor.

## **WC Establishment:**

Shall be met out of contingencies.

## **Land:**

Available with client department.

## **Rate:**

Based on DSR – 2019 rates.

## **Method:**

Through contract after call of tender.

## **Time:**

10 months (01 months for planning & 09 months for execution)

**Cost:**

**Rs. 2,84,68,412/- i/c 3% Contingencies, 11.90% EPF & ESIC. (Cost valid for one year from the date of issue of this Preliminary Estimate)**

**Note:-**

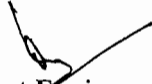
The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years.

-sd-

**Executive Engineer (C)**  
CPWD, Karnal

-sd-

**Executive Engineer (E)**  
CPWD, Karnal



**Assistant Engineer (C)**  
O/o Superintending Engineer-Karnal  
CPWD, Karnal



**Assistant Engineer (E)**  
O/o Superintending Engineer-Karnal  
CPWD, Karnal



**Superintending Engineer-Karnal**  
CPWD, Karnal

**GENERAL ABSTRACT**

**Name of Work :** Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I sheet shed etc in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc at NIT, Kurukshetra.

SL. No	Description	Total Amount	Remarks
1	Civil	21605883.00	Annex - A
2	Electrical	3170803.00	Annex- B
	<b>TOTAL</b>	<b>24776686.00</b>	
	<b>Add 3 % Contingencies</b>	<b>743301</b>	
	<b>Add EPF &amp; ESIC @11.90%</b>	<b>2948426</b>	
	<b>GRAND TOTAL</b>	<b>28468412</b>	
	<b>SAY</b>	<b>Rs. 28468500</b>	

-Sd-

**Executive Engineer (E)**

CPWD, Karnal

-Sd-

**Executive Engineer (C)**

CPWD, Karnal

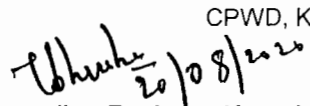
This PE amounting to Rs. 2,84,68,500.00 (Rupees Two Crore Eighty Four Lakhs Sixty Eight Thousand & Five Hundred Only) - (Civil & Electrical) is submitted to Client Department for obtaining A/A & E/S.

  
**Assistant Engineer (Electrical)**

O/o Superintending Engineer-Karnal  
CPWD, Karnal

  
**Assistant Engineer (Civil)**

O/o Superintending Engineer-Karnal  
CPWD, Karnal

  
**Superintending Engineer-Karnal**

CPWD, Karnal

## Preliminary Estimate

Name of Work:-		Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I sheet shed etc in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc.				
SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	2	EARTH WORK				
1.1	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.				
1.1.1	2.8.1	All kinds of soil.	3.00	cum	252.30	757.00
2	4	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 :				
2.1.1	4.1.5	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources: 6 graded stone aggregate 20 mm nominal size derived from natural sources).	178.00	cum	6259.10	1114120.00
2.1.2	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources: 10 graded stone aggregate 40 mm nominal size derived from natural sources).	0.25	cum	5520.30	1380.00
2.2	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
2.2.1	4.2.2	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	3.00	cum	8976.45	26929.00
3	9	WOOD AND PVC WORK				
3.1	9.50	Providing and fixing hard drawn steel wire fabric 75x25 mm mesh of weight not less than 7.75 Kg per sqm to window frames etc. including 62x19 mm beading of second class teak wood and priming coat with approved steel primer all complete.	45.00	sqm	1448.35	65176.00
3.2	9.84	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	12.00	each	851.60	10219.00
3.3	9.97	Providing and fixing aluminium tower 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 :				
3.3.1	9.97.2	250x10 mm	22.00	each	103.55	2278.00

3.4	9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	12.00	each	748.65	8984.00
4	10	STEEL WORK				
4.1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	5361.00	kg	101.75	545482.00
4.2	10.16	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.				
4.2.1	10.16.1	Hot finished welded type tubes	1855.00	kg	143.45	266100.00
4.3	10.20	Providing and fixing bolts including nuts and washers complete.	12.00	kg	128.45	1541.00
5	11	FLOORING				
5.1	11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge.				
5.1.1	11.21.1	In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
5.1.1.1	11.21.1.1	Acid and alkali resistant tile	283.00	sqm	1495.00	423085.00
5.1.2	11.21.2	In dado/skirting on 12 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)				
5.1.2.1	11.21.2.1	Acid and alkali resistant tile	20.00	sqm	1607.70	32154.00
5.2	11.26	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
5.2.1	11.26.1	25 mm thick	3094.00	sqm	1531.85	4739544.00
5.3	11.27	Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.	218.00	sqm	1810.05	394591.00
5.4	11.47	Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
5.4.1	11.47.2	Size of Tile 600x600 mm	273.00	sqm	1734.00	473382.00
5.5	11.48	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.				
5.5.1	11.48.2	Size of Tile 600x600 mm	4442.00	sqm	241.45	1072521.00

5.6	11.49	Providing and laying Vitrified tiles in floor with different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS : 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).				
5.6.1	11.49.2	Size of Tile 600x600 mm	3871.00	sqm	1609.95	6232116.00
6	12	ROOFING				
6.1	12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
6.1.1	12.21.1	In 75x75 mm deep chase	20.00	metre	237.25	4745.00
6.2	12.45	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :				
6.2.1	12.45.3	12.5 mm thick tapered edge gypsum moisture resistant board	3195.00	sqm	1286.20	4109409.00
6.3	12.50	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	98.00	sqm	627.55	61500.00



6.4	12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture 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 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross "T" of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main 'T' at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross 'T' of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, 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 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture 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 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main 'T', bottom exposed with 24 mm of all Tsections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.				
		Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/mK.	3.00	sqm	1643.95	4932.00
7	13	FINISHING				
7.1	13.61	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
7.1.1	13.61.1	Two or more coats on new work	349.00	sqm	121.55	42421.00
8	14	REPAIRS TO BUILDING				
8.1	14.83	Hacking of CC flooring including cleaning for surface etc. complete as per direction of the Engineer-in-Charge.	4124.00	sqm	2.50	10310.00
8.2	14.85	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	159.00	each	297.85	47358.00
9	15	DISMANTLING AND DEMOLISHING				
9.1	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
9.1.1	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	233.00	cum	1737.45	404826.00
9.2	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	55.00	sqm	190.30	10467.00
9.3	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	291.00	sqm	39.00	11349.00
9.4	15.60	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	136.05	cum	138.85	18891.00


10	21	ALUMINIUM WORK				
10.1	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: 733 and IS: 1285, 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, 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, paneling and dash fasteners to be paid for separately) :				
10.1.1	21.1.1	For fixed portion				
0.1.1.	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	2260.00	kg	456.30	1031238.00
10.1.2	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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
0.1.2.	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	220.00	kg	546.35	120197.00
10.2	21.2	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum 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.				
10.2.1	21.2.2	Pre-laminated particle board with decorative lamination on both sides	186.00	sqm	1046.90	194723.00
10.3	21.3	Providing and fixing glazing in aluminium 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 . (Cost of aluminium snap beading shall be paid in basic item):				
10.3.1	21.3.2	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	95.00	sqm	1296.40	123158.00
		<b>TOTAL</b>			<b>(A)</b>	<b>21605883.00</b>

-Sd-

**Planning Branch**  
Karnal Division  
CPWD, Karnal

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**Executive Engineer**  
Karnal Division  
CPWD, Karnal

  
**Assistant Engineer (Civil)**  
**Office of SE-Karnal**  
**CPWD, Karnal**

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## Preliminary Estimate


N/VV Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc. (Electrical Provisions)

Sr No	Description	Qty	Unit	Rate	Amount	Remarks
1.0	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.					
1.1	Group C	381	Point	1213.00	462153.00	DSR 1.3.3
2.0	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required.					
2.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	200	mtr	229.00	45800.00	DSR 1.7.2
2.2	4 X 2.5 sq. mm + 2 X 2.5 sq. mm earth wire	300	mtr	339.00	101700.00	DSR 1.7.7
2.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	100	mtr	263.00	26300.00	DSR 1.7.3
2.4	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	200	mtr	406.00	81200.00	DSR 1.7.8
2.5	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	100	mtr	356.00	35600.00	DSR 1.7.4
2.6	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	150	mtr	529.00	79350.00	DSR 1.7.9
2.7	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	50	mtr	670.00	33500.00	DSR 1.7.10
2.8	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	50	mtr	946.00	47300.00	DSR 1.7.11
3.0	S/I/T/C of MCB DB complete with MCB's etc. as required.	1	Job	150000.00	150000.00	MR
4.0	S/I/T/C of different type of LED fittings i/c connection etc. complete as required.	258	Each	6000.00	1548000.00	MR
5.0	S/I/T/C of Energy Saving Fans i/c connection etc. complete as required.	123	Nos	3500.00	430500.00	MR
6.0	Dismantling of existing LED fittings & reinstallation of the same in the false ceiling i/c necessary modifications etc. complete as required.	190	Each	200.00	38000.00	MR
7.0	Dismantling of existing Energy saving fans & reinstallation of the same as per height of false ceiling i/c providing necessary downrods etc. as required.	138	Each	300.00	41400.00	MR
8.0	Dismantling of existing 1.5/2 TR Split type AC units & reinstallation of the same as per height of false ceiling i/c necessary piping, gas charging etc. complete as required.	20	Jobs	2500.00	50000.00	MR
	<b>Total</b>				<b>3170803.00</b>	

-Sd-  
Junior Engineer (E)

-Sd-  
Assistant Engineer (E)

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Executive Engineer (E)

  
Assistant Engineer (Elect.)  
Office of SE-Karnal  
CPWD, Karnal

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**Subject: Minutes of the meeting of Estate Affairs Committee held on 29.01.2021 in the office of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.**

A meeting of Estate Affairs Committee was held on 29.01.2021 at 12:30 PM onward in the office of Dean (P&D) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. **To discuss regarding Action Taken on previous meeting was held on 08.01.2020**  
The detailed discussion on action taken is enclosed as Annexure-I
2. **To discuss the requests received from various Departments regarding provision of space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.**  
The requests received from various departments regarding provision of space requirement for new building i.e. Labs, Lecture Halls, Seminar Halls, Tutorial Rooms, Faculty Rooms, Storage space, Departmental Library and other utilities i.e. washroom etc. the request for space requirement of labs & office area at par with existing workshop area, new CNC Lab and expansion of other labs were put up before the committee. The Estate Affairs Committee discussed regarding the space requirements of various departments and deliberated on the matter. After detailed discussion the EAC recommends that a multi-storeyed Academic Building is required consisting of Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room and other utilities i.e. storage and washrooms including more permissible floors etc., existing labs, new Labs, CNC lab & Office area of Workshop. The provision of space for workshops and heavy machinery labs may be made at ground floor only. Accordingly, CPWD may be requested to propose a multi-storeyed Academic Building in consultation with Chief Architect CPWD and also submit the conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for proposed multi-storeyed Academic Building.
3. **To discuss the request received from HoD (Civil) vide no. CED/47 dated 09.01.2020 regarding fixing of Kota Stone on the floor in various lab of Geotechnical Section, Civil Engg. Deptt.**  
This agenda item is clubbed in the Agenda item no. 5.
4. **To discuss a Preliminary Cost Estimate of Rs. 2,60,94,700/- received from the office of Superintending Engineer (Civil) through Assistant Engineer (Civil), CPWD Karnal vide letter no. NIT-KKR/SEK/2020/932 dated 28.12.2020 for Covering the Open Air Theatre at NIT, Kurukshetra**  
The preliminary cost estimate of Rs. 2,60,94,700/- for the work of covering the Open Air Theatre was discussed in detail & deliberated in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.
5. **To discuss the Preliminary Cost Estimate of Rs. 2,84,68,412/- received from the Superintending Engineer (Civil), CPWD, Karnal vide letter no. NIT-KKR/SEK/2020/511 dated 20.08.2020 for the work of Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. at NITK**

  
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The preliminary cost Estimate of Rs. 2,84,68,412/- for the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. including Agenda at item No. 3 was discussed in detail in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.

- 6 a) To discuss regarding the provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another at various locations in the existing Academic Buildings.

b) To discuss regarding ramps, walking aids & specially designed toilets etc. for PwD persons at various locations in the existing Academic Buildings.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the tentative proposed locations of lifts duly approved by the competent authority of the Institute may be sent to CPWD to submit the feasibility & structural stability report alongwith cost estimate for:

a) Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

b) Provision of ramps, walking aids & specially designed toilets etc. for PwD persons including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

- 7 To discuss the widening of roads between BB, BC & CB Type houses

The matter regarding widening of various roads between BB, BC & CB Type houses by providing cement concrete paver blocks was discussed in detail in the Estate Affairs Committee. The EAC resolved and recommended that the work may be executed from the savings of the work of widening of various roads in the Institute. CPWD may be asked to include this additional work in the A/A & E/S already conveyed for the work of widening of various roads in the Institute.

- 8 To discuss the request received from the Girl's Hostel regarding reimbursement of electricity bill.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the request received from the Girls Hostel through Chief Warden (Girls) may be forwarded to Dean (SW) for consideration & comments for all the hostels as per existing policy of the Institute.

- 9 To discuss the request received from HoD Elect. Engg. Deptt. regarding the installation of 40 KW Solar of Grid Plant at the roof top of Elect. Engg. Deptt.

The request was discussed in detail in the EAC meeting. The EAC resolved and recommended that the proposal may be allowed subject to the condition that no extra civil works will be executed on the proposed site including permanent staircase and no extra space will be allocated for the said purpose. The installation and electrical maintenance will be taken care by the Deptt. However, the generated electrical power may be utilized by the deptt. in addition to the research/lab. HoD will ensure the safety of students and working personnel at his own risk and responsibility

- 10 The works mentioned at item no. 10,11,12,13 &14 were discussed in detail in the  
to EAC meeting. The EAC resolved & recommended that such type of items may be  
14 put up before the EAC after receiving the cost estimates from CPWD.

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

- 15 Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 Regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the EAC was apprised that the CPWD was intimated vide letter no. CC/3581/440/3135 dated 29/30.09.2020 & CC/3581/13/106 dated 06.01.2021 for Investigation/ Inspection of Staff Quarters regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the CPWD has submitted a report vide letter no. 20(NIT)PS/KC/2020/134 dated 16.01.2021 and the conclusive part of the report is reproduced below:

*"In this regard, it is hereby intimated that for detailed report a detailed technical/structural audit of the building is required from some pioneer technical institution like IIT's/NITs which perform all the destructive/non destructive testing of the building structures. CPWD does not do a structural audit as no means/testing facilities are available to perform such audit. It is, therefore, requested to get the detailed structural audit/technical audit from some external agency or it can be done by your good self also as CPWD is getting many testing of its own works from NIT Kurukshetra and only then a point-wise detailed report can be prepared".*

The EAC discussed the letter in detail. The EAC resolved & recommended that since the matter has already been taken up by a special committee duly constituted by the competent authority, this matter may be referred to the same committee for further consideration.

- 16 Provision of shed and flooring in the Open courtyard between G-102 and boundary wall of Non-Teaching Club.

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the construction of shed in the open courtyard between G-102 and boundary wall of Non-Teaching Club is not feasible due to aesthetic point of view. However, committee recommended that the flooring in the open courtyard may be provided with suitable material which is available in the Estate Store.

- 17 Construction of Boundary Wall around Hostel No. 5 & 6.

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the boundary wall may be constructed partially towards East & West side of the safety and stopping the trespassing of that area. The CPWD may be requested to submit the cost estimate.

- 18 Provision of dustbins, road of 6' wide on the East side of Hostel no.-5 and additional toilets in the bearer barracks.

The matter was discussed in detail in EAC. The EAC was apprised that as per norms dustbins, road 6' wide and additional toilets have already been provided in bearer breaks. Hence EAC resolved and recommended that additional dustbins, toilets and 6' wide road would not be required. These additional dustbin will disturb the surround aesthetic.

- 19 Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawla girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be written to CPWD for submission of cost estimate of the proposed work.

- 20 To discuss regarding structural stability and economical repairs in the Guest House.

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be sent to CPWD for providing a report on structural stability & economical repairs of the Guest House.

- 21 Provision of furniture for additional floor over the existing building of MBA/MCA Department

- 22 Provision of furniture for 2nd floor over Old MBA Block (New Workshop Building).

The matter regarding provision of furniture items in additional floor over the existing building of MBA/MCA Department & 2nd floor over Old MBA Block (New Workshop Building) was discussed in detail in the EAC. The EAC resolved and recommended that firstly requirement of furniture items may be obtained from the concerned Head of Departments, so that after compilation the same may be put up in the EAC meeting.

*[Handwritten signatures and initials at the bottom of the page, including a large signature that appears to be "S. S. S." and other initials.]*

-4/N-

- 23 To report saving by installation of rooftop Solar Power Plant since last EAC meeting.

The matter regarding reporting in saving by providing a roof top solar Power Plant was discussed in the EAC Meeting. The AE(Elect.) apprised that the total saving by installation of rooftop Solar Power Plant from January-2020 to December -2020 is Rs. 60,82,769/-.


- 24 Any other item:

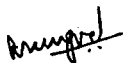
Under any other item the EAC was apprised that the existing shutters in the HT/LT Sub-Stations and metering room are deteriorating over a period of time. It was also apprised that the matter has also been explored from the local market that huge expenditure is required for their repair work. The EAC discussed the matter in detail and resolved that the existing shutters in the HT/LT Sub-Stations and metering room be replaced with suitable arrangement of these shutters at a minimum expenditure on buy back basis. The work may be executed by Estate Section.


Submitted for kind consideration & approval please.

  
Faculty I/C (S&C)

  
A.E. (Civil)

  
A.E. (Elect.)

  
Prof. I/C (E&C)

  
Faculty I/C (H&L)

  
Faculty I/C (EM & T)


  
Dean (P&D) & Chairman (EAC)

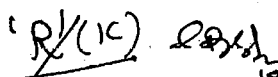
  
Registrar I/C

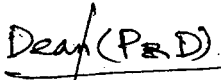
DL P&D/169  
10/2/2021

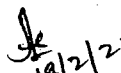
DIRECTOR Approved recommendations except pt. No 5 & 9.  
which needs details and deliberations.

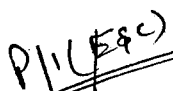
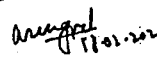

Registrar Office  
Dairy No 287  
Dt. 10/2/21


  
17/2/21

  
18/02/21

  
Dean (P&D)

  
18/2/21

  
P/I/C (E&C)  
Fac I/C (E&C)   
A.E. (C)   
18/2/21

  
S&A  
18/2/2021

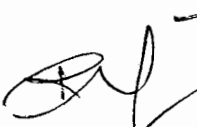




  
N/P  
19/2/21

-90-



1.	To discuss regarding Action Taken on previous meeting was held on 08.01.2020
2.	<p>To discuss the requests received from various Departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.</p> <p>As per decision of the EAC consolidated requirements including Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room etc. and space for workshops, power backup system and heavy machinery labs at ground floor have been received from various departments/schools etc. and the same has been compiled by Estate Section.</p>
3	<p>To discuss the request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding construction of parking in Block -A</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/117 dated 17.02.2020 that the construction of parking space was not included in the original plan in the Hostel. Therefore, it is not feasible to construct parking in Block-A at present.</p>
4	<p>To discuss a letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings.</p> <p>The decision of the EAC was conveyed to Executive Engineer (Civil), CPWD vide letter no. CC/3506/119/1058 dated 17.02.2020 to prepare the comprehensive plan for the installation of roof top rain water harvesting systems in the Institute buildings by channelizing the roof top rain water. No reply is received in this office till date. Again a letter has also been sent to Executive Engineer (Civil), CPWD vide no. CC/3506/62/425 dated 27.01.2021</p>
5	<p>To discuss the request received from the Warden, Fanibhushan Bhawan (Hostel No.-6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary wall.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/116 dated 17.02.2020 that the boundary wall towards east face only or as per site requirement of Hostel No. 5 &amp; 6 needs to be constructed to separate the hostels and bearer barracks.</p>
6	<p>To discuss the request received from Prof. Anupam Mital, Prof.I/C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt.</p> <p>The agenda item is being discussed under the Agenda item no. 5 in this meeting.</p>
7	<p>To discuss the request received from Prof. N.P. Singh, HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 &amp; 111 of ECE Deptt.</p> <p>The above said work has been included in the preliminary cost estimate of the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education &amp; Sports Section, CAD, Physics Department, School of VLSI Design &amp; Embedded System, Central Workshop, CED and Chemistry Department etc. at</p>

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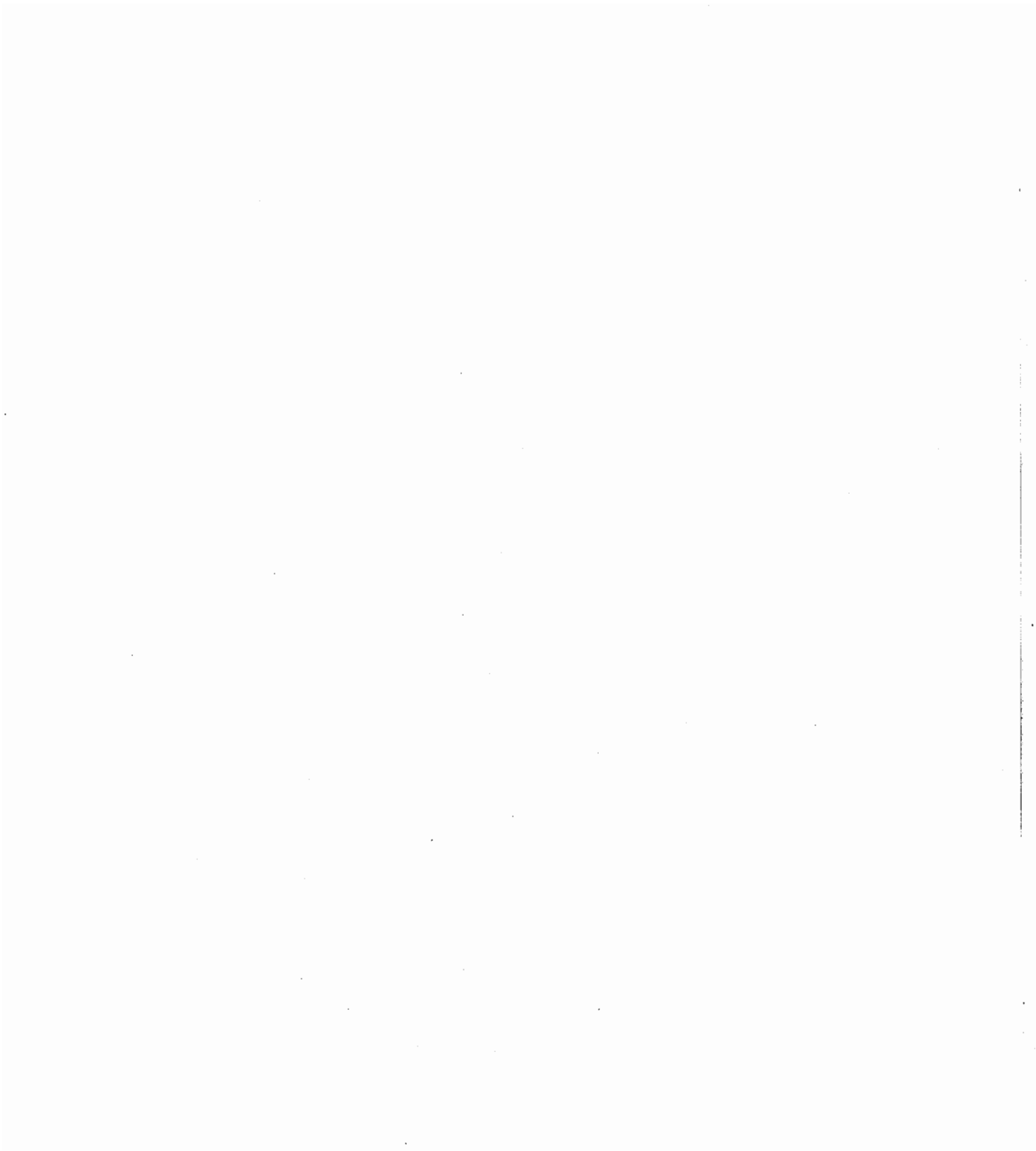








	NITK with the cost estimate of Rs. 2,84,68,412/- received from the CPWD vide no.NIT-KKR/SEK/2020/511 dated 20.08.2020
8	<p><b>To discuss regarding various works to be putup before the B&amp;WC in its ensuing meeting that is going to be held shortly.</b></p> <p><b>The following works have been approved by B&amp;WC in its 26th meeting and are in progress.</b></p> <ul style="list-style-type: none"> <li>i) Provision of Internal &amp; External finishing i.e. distempering &amp; painting including minor &amp; major repair in the Boys Hostel No. 4, 5 &amp; 6.</li> <li>ii) Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.</li> <li>iii) Re-carpeting of various roads in the Institutional and Hostel areas.</li> <li>iv) Widening of various roads in the Institute. <ul style="list-style-type: none"> <li>a) Road from Apollo Canteen to Security Check Post between Hostel No. 7 &amp; 8 along with the provision of footpath as per site requirement.</li> <li>b) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.</li> <li>c) Road from Junction near disposal pump to North West corner of Guest House.</li> </ul> </li> </ul> <p><b>A/A &amp; E/S of the following works have been conveyed to CPWD</b></p> <ul style="list-style-type: none"> <li>i) Provision of access to Golden Jubilee Administrative Building by providing a gate &amp; parking shed for two wheelers along the inside boundary wall towards west.</li> <li>ii) Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.</li> </ul> <p><b>The following works are to be executed in the next financial year</b></p> <ul style="list-style-type: none"> <li>i) Finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and Girls Hostel No.-1.</li> <li>ii) Construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP.</li> <li>iii) Renovation/ up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.</li> <li>iv) Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel &amp; MBA/MCA Department and road between Jubilee Hall &amp; Library including arrangement of drainage of storm water.</li> </ul>
9	<p><b>To discuss the request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents.</b></p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide no. CC/3506/119/1058 dated 17.02.2020. No aluminium/glass partitioning for a small scale library is possible. However, if required, Hostel authority may provide aluminium/glass partitioning for a small scale library at their own level within space already available in common area.</p>
10	<p><b>To discuss the request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool.</b></p> <p>The estimate has been prepared by the Estate Section for the above said work and the same is in process to obtain the approval of the competent authority.</p>

11	<p>The following works were discussed in the previous meeting of EAC held on 08.01.2020 vide agenda item no. -11</p> <ul style="list-style-type: none"> <li>i) Construction of G+5 Building</li> <li>ii) Construction of Gymnasium Hall</li> <li>iii) Construction of Student Activity Centre (SAC)</li> <li>iv) (a) 750 capacity Single seater hostel (b) 750 capacity 2 seater hostel</li> <li>v) Construction of Community Centre</li> <li>vi) Construction of Auditorium Hall (2000 capacity)</li> </ul> <p>In this regard the decision of EAC was conveyed to CPWD to provide the Architectural drawings alongwith cost estimate. The same is still awaited from CPWD.</p>
12	<p><b>Any other item:</b></p> <p>a The matter was discussed regarding on-going construction works being executed by CPWD. The work of renovation of ground floor and first floor including c/o lift &amp; staircase block for Old MBA Block (New Workshop Building) has been completed except rectification of defects already conveyed to CPWD.</p> <p>(i)</p> <p>(ii) Providing E&amp;M services of ground floor &amp; first floor including goods lift and air conditioning system on additional floor over existing old MBA Block (New Workshop building are completed except rectification of defects already conveyed to CPWD and installation of lift is in progress.</p> <p>b The work of construction of Indoor Badminton Hall has been completed, final inspection has also been carried out and list of defects has been conveyed to CPWD for rectification.</p> <p>i The matter regarding construction of washrooms near Kurukshetra University side gate for security personnel was discussed in the EAC meeting. The EAC resolved that the washrooms be constructed near abandoned tube well no.-3, parking towards KUK main gate and sewerage line of Sports Ground be replaced as proposed in the drawing sketch. The feasibility near abandoned tube well no. -3 has been explored and observed that it is not possible.</p> <p>ii The matter regarding disposal of removal of furniture lying in the various departments and occupying huge space was discussed in the EAC. The Prof. I/C (E&amp;C) apprised the EAC and EAC resolved that a letter has already been written to all HoDs/Chief Warden (Girls) vide no. CC/3506/252 dated 23.04.2019 regarding dumping the damaged furniture of their department in the allocated space of Alkhanda Bhawan.</p> <p>iii The matter regarding increase the height of parapet wall in Hostel No. 4 &amp; 5 was discussed in the EAC. The EAC resolved that the height of parapet wall be increased as per site requirement. The work has been allotted to CPWD and is in progress.</p> <p>iv The decision of the EAC has been conveyed to the Electrical Maintenance Section vide letter no. CC/3506/118 dated 17.02.2020 regarding providing uninterrupted electricity supply through DG Sets installed at Electrical Sub-Station in the Institute, during various programs of the students at various locations in the Institute.</p>

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**BWC 27.5 To consider and approve the preliminary cost estimate for the construction of shed for covering the Sports Complex Stairs at NIT Kurukshetra (Civil & Electrical work)**

The competent authority of the Institute discussed the matter with Registrar-in-charge & Prof. I/C (Estate & Construction) regarding construct of a shed covering the Sports Complex Stairs at NIT Kurukshetra.

Accordingly, after approval of the competent authority a request was sent to the Executive Engineer (Civil), CPWD, Karnal vide Nos. CC/173/1329 dated 05.03.2020 & CC/42/279 dated 18.01.2021 to submit the cost estimate for the construction of shed for covering the Sports Complex Stairs at NIT Kurukshetra (Civil & Electrical work). In response to the above requests, Executive Engineer (Civil), CPWD, Karnal submitted the cost estimate of Rs. 77,200/- vide no. 20(NIT)/PS/CD/2021/312 dated 11.02.2021 for providing consultancy services for structural design of shed for covering the sports complex stairs at NIT, Kurukshetra as enclosed in **Appendix VII from 96 to 101**. In this regard, Executive Engineer (Civil) CPWD was intimated that it is also expected as per clause-2 of MoU, the preliminary revised cost estimate will be communicated by the CPWD.

In this regard a letter was sent to the Executive Engineer (Civil), CPWD Karnal vide no. CC/3542/116/909 dated 23.02.2021 to submit the revised cost estimate for the above said work as cited in the subject. It is also intimated that "the CPWD has also communicated the preliminary cost estimate for an amount of Rs. 99,98,900/- vide letter No. 20(142)/PS/KCD/2017/577 dated 12.04.2017" as enclosed in **Appendix VIII from page 102 to 108**.

In response to the above referred letter, Assistant Engineer (Civil) Karnal submitted the cost estimate for an amount of Rs. 2,15,55,200/- vide letter No. 23(NIT-KKR)/S.E.Karnal/2021/524-H dated 08.06.2021 based on Plinth Area Rates-2020, for the construction of shed for covering the Sports Complex Stairs at NIT Kurukshetra (Civil & Electrical work) as enclosed in **Appendix IX from page 109 to 114**.

Accordingly, a preliminary cost estimate of Rs. 2,15,55,200/- received from CPWD for the construction of shed for covering the Sports Complex Stair at NIT Kurukshetra (Civil & Electrical work) was put up before the EAC in its meeting held on 13.07.2021 and the same was approved by the competent authority. After approval of the competent authority the preliminary cost estimate is being put up before the Building & Works Committee for approval as enclosed in **Appendix X from page 115 to 117**.

The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of Rs. 2,15,55,200/- for the construction of shed for covering the Sports Complex Stair at NIT Kurukshetra (Civil & Electrical work).

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No. ICC/173/1329

Dated 05.03.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.)  
CPWD, 208-D, HSIIDC, Sector-3,  
Karnal-132001

Subject: Regarding revised cost estimates for the various works.

Reference: This office letter nos. CC/3511/631/5836 dated 04.10.2019 CC/3492/864/7194 dated 30.12.2019 & CC/3577/866/7196 dated 30.12.2019.

In continuation to letters under reference and also discussed in the 26<sup>th</sup> meeting of the Building & Works Committee of the Institute held on 25.02.2020.

You are requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 to 3, 7 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT flats.
3.	Water Proofing Treatment of Cafeteria in Open Air Theatre.
4.	Construction of shed for covering the Sports Complex Stairs.
5.	Construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court.
6.	Covering of Open Air Theatre.

This may be treated as most urgent.

*[Signature]*  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
7. PS to Registrar for kind information of Registrar
8. PS to Director for kind information of the Hon'ble Director



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

Reminder

No. CC/42/279

Dated 18.01.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001  
The Executive Engineer (Elect.),  
CPWD, Karnal Electrical Division, 208-D, HSIIDC,  
Sector-3, Karnal

Subject: To submit the revised cost estimate for the various works at NIT, Kurukshetra.  
Reference: This office letter no. CC/173/1329 dated 05.03.2020

In continuation to letter under reference, it is intimated that the following cost estimates have not been received in this office till date. It is also intimated that a meeting of the Building & Works Committee of the Institute is scheduled to be held very shortly. Therefore, it is requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 - 3 & 7 - 10, Girls Hostels 1 - 4 and Staff Quarters including BT/CT
2.	Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Jubilee Hall.
3.	Construction of shed for covering the sports complex stairs. ✓
4.	Provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex
5.	Construction of 3 nos. Synthetic Tennis Courts with light facility etc. by dismantling the existing Tennis Court.

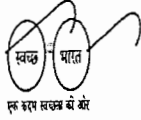
This may be treated as most urgent.

*Amended*  
18.01.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
6. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
7. PS to Registrar for kind information of Registrar
8. AR to Director for kind information of the Hon'ble Director



भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION

Diary No. 187

Dated 12/2/21



कार्यालय कार्यपालक अभियन्ता  
केन्द्रीय लोक निर्माण विभाग,  
एन.डी.आर.आई कैम्पस, नजदीक स्टेट बैंक आफ  
इंडिया, करनाल - 132001

Office of the Executive Engineer,  
Central Public Works Department,  
NDRI Campus, Near State Bank of India,  
Karnal-132001. E-mail : eekcd.knl.cpwd@nic.in

संख्या:- 20(NIT)/यो.शा./क.मं/2021/312

दिनांक. 11.02.2021

सेवा में,

Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra

Fac II/C (E&C)

A.E.C.C.

Pl. look at the matter as per  
request letter revised estimate is  
expected.

विषय : Providing consultancy services for structural designing of shed for  
covering the sports complex stair at NIT Kurukshetra.

संदर्भ : आपका पत्र सं० CC/42/279 दिनांक 18.01.2021

Let us discuss with faculty I/C

महोदय,

उपरोक्त कार्य का प्रारम्भिक विस्तृत अनुमान जिसकी राशि 77,200/-  
रुपये है, दो प्रतियों में संलग्न किया जाता है। आपसे अनुरोध है कि अनुमान  
की प्रशासनिक अनुमोदन एवं व्यय स्वीकृति यथाशीघ्र प्रेषित 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 (हेड ऑफ एकाउंट) का भी उल्लेख करने की कृपा करें। इस अनुमान की  
आवश्यकता को अनुमान की हिस्ट्री शीट में वर्णित किया गया है।

संलग्न : उपरोक्त दो प्रतियों में।

भवदीय,

Prashant  
(प्रशांत अग्रवाल) 10/02/2021  
कार्यपालक अभियन्ता  
करनाल मण्डल, के.लो.नि.वि।

प्रतिलिपि :-

1. सहायक अभियन्ता, कुरुक्षेत्र उप-मण्डल, के.लो.नि.वि., कुरुक्षेत्र को उनके पत्र  
सं० 24(8)/A.E.K./2021/31 दिनांक 05.02.2021 के संदर्भ में सूचनार्थ।

कार्यपालक अभियन्ता

Discussed that CPWD may ask to submit the revised  
preliminary cost estimate based on the preliminary design  
& drawing as per clause-2 of MOU.

A.E.C.C. 11/2/21  
Recd. Hdr. I/C E&C

- 98 -

Recd. 11/2/21  
A.E.C.C. 11/2/21



**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

State: Haryana  
Branch: B & R

Division: KD  
Sub-Division: KSD

**NAME OF WORK:** Providing consultancy services for structural designing of shed for covering the sports complex stair at NIT Kurukshetra.

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This preliminary estimate framed by Er. Ashok Kumar, Assistant Engineer, Kurukshetra Sub Division and further processed in Karnal Division, CPWD, Karnal for the probable of cost Rs. 77,200/-.

**REPORT**

**History:** This preliminary estimate amounting to Rs. 77,200/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The requisition for the above work has been received vide letter No. CC/42/279 dated 18.01.2021 at Sr. No. 03. Hence this preliminary estimate has been framed.

**Design & Scope:** **The following provisions have been made in this estimate.**  
Providing consultancy service for structural designing of shed for covering the sports complex stair at NIT Kurukshetra consisting of designing & submission of structural drawings for the sports complex including.

1. Footing & foundation details complete in all respect as per provision of relevant IS codes/NBC or other relevant publication of BIS & vetting of same from any reputed Govt. Institution.
2. Columns & truss designing.

**Specification:** Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.

6. The client department will help CPWD in :-
- Providing site for labour huts for the contractor's labour free of cost.
  - Providing free access to contractor's material and labour to the site of work.
  - Providing electricity connection for execution of work on payment of usual charges, and
  - Sanction and release of load from the concerned Electricity Board/Authority.

**T & P:**

Shall be arranged by the contractor.

**WC Establishment:**

Shall be met out of contingencies.

**Land:**

Available with client department.

**Rate:**

Based on market rates.

**Method:**

Through contract after call of tender.

**Time:**

One Month (After receipt of A/A & E/S)

**Cost:**

Rs. 77,200/-.


**Note:-**

The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years.

**This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.**

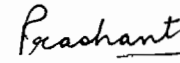
sd/-

Junior Engineer-Kurukshetra

  
Planning Branch  
Karnal Division  
CPWD, Karnal

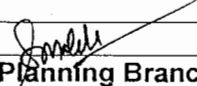
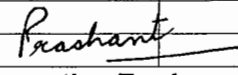
sd/-

Assistant Engineer- Kurukshetra

  
Executive Engineer  
Karnal Division  
CPWD, Karnal

**Preliminary Estimate**

Item of Work : Providing consultancy services for structural designing of shed for covering the sports complex stair at NIT Kurukshetra.

Sr. No.	DSR 2019	Description	Qty.	Unit	Rate	Amount
1.1	NS	Providing consultancy service for structural designing of shed for covering the sports complex stair at NIT Kurukshetra consisting of designing & submission of structural drawings for the sports complex including. 1. Footing & foundation details complete in all respect as per provision of relevant IS codes/NBC or other relevant publication of BIS & vetting of same from any reputed Govt. Institution. Columns & truss designing.	700.00	sqm	100.00	70000.00
		<b>Total</b>				<b>70000.00</b>
		Add Contingencies @ 5%				3500.00
		Add Labour Cess @ 1%				700.00
		Add EPF & ESIC @ 4.25%				2975.00
		<b>GRAND TOTAL</b>				<b>77175.00</b>
					<b>Say Rs.</b>	<b>77,200/-</b>
		sd/-	sd/-			
		<b>Junior Engineer-Kurukshetra</b>	<b>Assistant Engineer-Kurukshetra</b>			
						
		<b>Planning Branch</b>	<b>Executive Engineer</b>			
		Karnal Division	Karnal Division			
		CPWD, Karnal	CPWD, Karnal			

Appendix - VIII

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MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CENTRAL PUBLIC WORKS DEPARTMENT  
AND  
NIT, KURUKSHETRA  
FOR EXECUTION OF WORKS

This Memorandum of Understanding, hereinafter called MoU signed between the Central Public Works Department, hereinafter called the CPWD represented by the Executive Engineer, Karnal Central Division, CPWD, 448, Subhash Colony, Karnal on the one part and NIT, Kurukshetra (the name of the client department) herein after called the client (represented by Registrar, NIT, Kurukshetra) on the other on this day, the 20<sup>th</sup> of December, 2012 at NIT, Kurukshetra.

Whereas the CPWD have agreed to undertake the execution of the works hereafter on the basis of designs and drawings prepared by CPWD and approved by the client as deposit work, now therefore it is agreed between the two parties that:-

1. The CPWD shall execute the work on the basis of Architectural drawings prepared by CPWD and approved by the client.
2. The Preliminary Estimate, based on the preliminary drawings & designs shall be submitted by CPWD and approved by the client with issue of A/A & E/S.
3. Based on the Approved Architectural drawings, CPWD will prepare working drawings, specifications & scope of work for detailed estimate for approval of the authority competent to technically sanction the detailed estimate.
4. The Client shall deposit funds in installments. In the first instance, 33% of the sanctioned amount shall be deposited by the Client with the Executive Engineer Karnal Central Division, CPWD, Karnal along with sanction as advance in two installments as under:
  - a) First installment of 16.5% shall be deposited by the client immediately after the accord of A/A & E/S of the work, thereafter tender shall be invited by the CPWD.
  - b) Next installment of 16.5% shall be deposited immediately after receipt of tenders by CPWD and thereafter the tender shall be accepted by CPWD. Thereafter the expenditure incurred shall be reimbursed in full through regular bills. The deposit with CPWD shall not fall below 10% of the estimated cost at any point of time during execution of the work. The portion of deposits shall be retained for adjustment against the last portion of the estimated expenditure.
  - c) No interest will be paid by CPWD to the client department on the deposits received for execution of the work.
  - d) CPWD will ensure that the defects liability amount (security deposit) is released to the executing agency only after removal of all defects/shortcomings brought to the notice by the client during the defect liability period.
5. A progress review committee consisting of S.E.(C), S.E.(E), E.E.(C) & E.E.(E) from CPWD and Dean (P&D), Dean (Estate) and other concerned officials of the Estate Section of NIT Kurukshetra shall meet monthly to review the progress of work allotted to CPWD and to resolve any outstanding issues.



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

No./CC/3542/116/909

Dated 23.02.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Construction of shed for covering the Sports Complex stair at NIT Kurukshetra.

Reference: Letter no. 20(NIT)/PS/CD/2021/312 dated 11.02.2021.

In continuation to letter no. CC/42/297 dated 18.01.2021 regarding to submit the revised cost estimate for the work as cited in the subject. CPWD has communicated preliminary cost estimate of Rs. 99,98,900/- vide letter no.20(142)/PS/KCD/2017/577 dated 12.04.2017 for the above said work. So it expected as per Clause-2 of MoU the preliminary revised cost estimate, will be communicated by the agency at the earliest.

This is for your information and further necessary action please.

*Mungel*  
23.02.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Dean (P&D) for information please
3. A.E. (Civil), CPWD, NIT Camp Office
4. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12 (Part-I), Karnal-132001
5. PS to Registrar for kind information of Registrar
6. AR to Director for kind information of the Hon'ble Director

Dy. No. 40/327

15/4/17

केन्द्रीय लोक निर्माण विभाग  
करनाल केन्द्रीय मण्डल  
एन.डी.आर.आई. कैम्पस करनाल

संख्या- 20(142)/यो.शा.क.के.मं/2017/1577

दिनांक 12-4-2017

सेवा में,

Pl. put up in EAC meeting

13.04.2017

The Dean,

PIE (EE&C)

NIT, Kurukshetra.

AE (Civil)

13.04.2017

विषय : Construction of shed for covering the sports complex stairs at NIT, Kurukshetra.

SA 13/4/17 13/04/17

संदर्भ : आपका पत्र संख्या PESS/2017/94 Dated 27.02.2017.

महोदय,

उपरोक्त कार्य का प्रारम्भिक प्राक्कलन जिसकी लागत रुपये 99,98,900/-

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।

(इंजी. चरणजीत पसरीजा)

कार्यपालक अभियन्ता

करनाल केन्द्रीय मण्डल, के.लो.नि.वि,  
एन.डी.आर.आई. कैम्पस, करनाल।

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (वै.), करनाल केन्द्रीय वैद्युत मण्डल, के.लो.नि.वि, करनाल को उपरोक्त प्राक्कलन की एक प्रति आवश्यक कार्यवाही हेतु प्रेषित है। जिसमें विद्युत पोश्शन का प्रावधान भी लिया गया है यदि इसके अलावा और भी अन्य प्रावधान लिये जाने हैं तो आप उनका प्रारम्भिक अनुमान बनाकर ग्राहक विभाग को भेज दें, ताकि ग्राहक विभाग से प्रशासनिक स्वीकृति एवं मंजूरी प्राप्त हो सके।
2. सहायक अभियन्ता, कुरुक्षेत्र केन्द्रीय उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को सूचनार्थ।

कार्यपालक अभियन्ता

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GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

State HARYANA  
Branch KARNAL

Division KARNAL CENTRAL  
Sub-Division KARNAL CENTRAL

Name of Work : Construction of shed for covering the sports complex stairs at NIT, Kurukshetra.

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

This estimate has been framed by Er. Charanjit Pasrija, Executive Engineer, Karnal Central Division, CPWD, Karnal for Rs. 99,98,900/- i/c 5% contingencies.

REPORT

**History** This preliminary estimate amounting to Rs. 99,98,900/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work for accord of A/A & E/S by the competent authority. The requisition has been received vide letter No. PESS/2017/94 Dated 27.02.2017 and as per meeting held on dated 11.04.2017 in the Dean (Estate) office at NIT Kurukshetra. Hence this estimate has been framed.

**Design** Following provisions have been made in this estimate:-  
1. Estimate has been prepared considering the shed as scooter & cycle shed as per PAR-2012.  
2. 12.5% Electrical provision has been taken. Actual expenditure to be obtained from the Electrical Department.

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

**WC Establishment** Shall be met out of contingencies

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

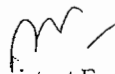
**Land** Available

**Rate** Based on PAR 2012


**Method** Through contract after call of tenders

**Time** 06 Months

**Cost** Rs. 99,98,900/- i/c 5% contingencies.

  
Assistant Engineer (P)  
Karnal Central Division  
CPWD, Karnal

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Executive Engineer  
Karnal Central Division  
CPWD, Karnal

**LETTER OF ACCEPTANCE OF DEPOSIT WORKS**

**(To be issued to the client department)**

To

**The Dean,**

**NIT, Kurukshetra.**

**Sub: Execution of Deposit works.**

**Construction of shed for covering the sports complex stairs at NIT, Kurukshetra. (Indicate name of work)**

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

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

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

Yours faithfully

Executive Engineer,  
Karnal Central Division,  
CPWD, NDRI Campus,  
KARNAL-132001 (Hry.)

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### Preliminary Estimate

**Name of Work :-** Construction of shed for covering the sports complex stairs at NIT, Kurukshetra.

[illegible]

(1)

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
CENTRAL PUBLIC WORKS DEPARTMENT  
AND  
NIT, KURUKSEHTRA  
FOR EXECUTION OF WORKS

This Memorandum of Understanding, hereinafter called MoU signed between the Central Public Works Department, hereinafter called the CPWD represented by the Executive Engineer, Karnal Central Division, CPWD, 448, Subhash Colony, Karnal on the one part and NIT, Kurukshetra (the name of the client department) herein after called the client (represented by Registrar, NIT, Kurukshetra) on the other on this day, the 20<sup>th</sup> of ~~November~~ December, 2012 at NIT, Kurukshetra.

Whereas the CPWD have agreed to undertake the execution of the works hereafter on the basis of designs and drawings prepared by CPWD and approved by the client as a deposit work, now therefore it is agreed between the two parties that:-

1. The CPWD shall execute the work on the basis of Architectural drawings prepared by CPWD and approved by the client.
2. The Preliminary Estimate, based on the preliminary drawings & designs shall be submitted by CPWD and approved by the client with issue of A/A & E/S.
3. Based on the Approved Architectural drawings, CPWD will prepare working drawings, specifications & scope of work for detailed estimate for approval of the authority competent to technically sanction the detailed estimate.
4. The Client shall deposit funds in installments. In the first instance, 33% of the sanctioned amount shall be deposited by the Client with the Executive Engineer, Karnal Central Division, CPWD, Karnal along with sanction as advance in two installments as under:
  - a) First installment of 16.5% shall be deposited by the client immediately after the accord of A/A & E/S of the work, thereafter tender shall be invited by the CPWD.
  - b) Next installment of 16.5% shall be deposited immediately after receipt of tenders by CPWD and thereafter the tender shall be accepted by CPWD. Thereafter the expenditure incurred shall be reimbursed in full through regular bills. The deposit with CPWD shall not fall below 10% of the estimated cost at any point of time during execution of the work. This portion of deposits shall be retained for adjustment against the last portion of the estimated expenditure.
  - c) No interest will be paid by CPWD to the client department on the deposit received for execution of the work.
  - d) CPWD will ensure that the defects liability amount (security deposit) be released to the executing agency only after removal of all defects/shortcomings brought to the notice by the client during the defect liability period.
5. A progress review committee consisting of S.E.(C), S.E.(E), E.E.(C) & E.E.(E) from CPWD and Dean (P&D), Dean (Estate) and other concerned officials of the Estate Section of NIT Kurukshetra shall meet monthly to review the progress of works allotted to CPWD and to resolve any outstanding issues.



भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

Appendix - 1X  
ESTATE SECTION  
Diary No. 529  
Dated... 12/6/21...



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एस.सी.ओ.-19-20, सैक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - 23(NIT-KKR)/अधी-अभि-करनाल/2021/ 524-1 दिनांक 8/6/21

सेवा में,

✓ Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra-136119

Fac I/C (E&C), Fac I/C (E&C)  
A.E. (E) for na. pl.  
P1. dis. in. E&C. AE/(E) for na. pl.  
15.06.21 16/6/21  
SS CA) / EA / SEO  
16/6/21

विषय : Construction of shed for covering the Sports Complex stair at NIT  
Kurukshetra (Civil + Electrical Work)

महोदय,

Please find enclosed herewith a Preliminary Estimate amounting to Rs. 2,15,55,200/- for above noted work for obtaining A/A & E/S of competent authority. The necessity for preparing the estimate has been explained in history part of the estimate.

It is, therefore, requested to accord and convey the administrative approval & expenditure sanction at the earliest.

This issues with the approval of Superintending Engineer-Karnal.

Encl : As Above

सहायक अभियन्ता-करनाल (सिविल)  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वै.) के.लो.नि.वि. करनाल ।

सहायक अभियन्ता-करनाल (सिविल)

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

State: Haryana

Branch: B & R

Division: KD

Sub-Division: KSD

**NAME OF WORK:** Construction of shed for covering the Sports Complex stair at NIT,  
Kurukshetra (Civil + Electrical Work)

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This Preliminary Estimate framed by Er. Prashant Agarwal, Executive Engineer (Civil) and Smt. Savita Ray, Executive Engineer (Elect.), further processed in O/o Superintending Engineer - Karnal, CPWD, Karnal for the probable cost **Rs. 2,15,55,200/-** i/c 3% contingencies.

**REPORT**

**History:**

This Preliminary Estimate amounting to **Rs. 2,15,55,200/-** i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction) vide their office letter No. CC/3542/116/909 dated 23-02-2021.

**Design & Scope:**

**The following provisions have been made in this preliminary estimate :-**

**Civil Provision:-**

1. Provision of covering the sports complex steps by means of RCC framed structure of size 28.35m X 18.50 mtr with floor height 7.35 mtr on the entire area with flat R.C.C roof.
2. No development work around the shed has been considered.
3. No provision for electric work has been taken.

**Electrical Provision:-**

1. Wiring for light/fan points i/c circuit wiring etc.
2. Energy Saving Fans & LED light fixtures.
3. Supplying and laying of cable, distribution boards & earthing etc.
4. Compound light poles with post top LED fixtures.

**Specification:**

Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**


1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.


4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.
6. The client department will help CPWD in :-
  - a) Providing site for labour huts for the contractor's labour free of cost.
  - b) Providing free access to contractor's material and labour to the site of work.
  - c) Providing electricity connection for execution of work on payment of usual charges, and
  - d) Sanction and release of load from the concerned Electricity Board/Authority.

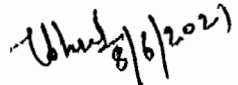
**T & P:** Shall be arranged by the contractor.  
**WC Establishment:** Shall be met out of contingencies.  
**Land:** Available with client department.  
**Rate:** Based on PAR – 2020.  
**Method:** Through contract after call of tender.  
**Time:** 09 Months (After receipt of A/A & E/S)  
**Cost:** Rs. 2,15,55,200/- i/c contingencies  
**Note:-**

The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years. **This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.**

-Sd-  
**Executive Engineer-Karnal**  
CPWD, Karnal

  
**Assistant Engineer (Elect.)**  
O/o SE-Karnal  
CPWD, Karnal

  
**Assistant Engineer (Civil)**  
O/o SE-Karnal  
CPWD, Karnal

  
**Superintending Engineer-Karnal**  
CPWD-Karnal

  
Sr DM

### GENERAL ABSTRACT


Name of Work:- Construction of Shed for Covering the Sports Complex Stair in NIT, Kurukshetra, Haryana.


S.No.	Description	Amount	Remarks
1	Civil Work	17776073.00	Annexure- 'A'
2	Electrical Work	822040.00	Annexure- 'B'
	<b>Total Rs.</b>	<b>18598113.00</b>	
	Add: EPF & ESIC @ 11.90%	2213175.00	
	Add: 3% Contingencies	557943.00	
	Add:- Labour Cess @ 1%	185981	
	<b>Say Rs.</b>	<b>21555212.00</b>	

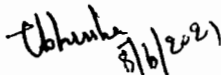
Sd/-

Executive Engineer  
Karnal Division  
CPWD, Karnal

The Preliminary Estimate amounting to Rs. 2,15,55,212.00 (Two Crore Fifteen Lacs Fifty Five Thousand Two Hundred & Twelve Only) is submitted to Client for obtaining A/A & E/S.

  
Assistant Engineer (Elect.)  
O/o SE-Karnal  
CPWD, Karnal

  
Assistant Engineer (Civil)  
O/o SE-Karnal  
CPWD, Karnal

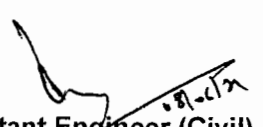
  
Superintending Engineer-Karnal  
CPWD, Karnal

# PRELIMINARY ESTIMATE (Civil)

**Name of Work:-** Construction of shed for covering the sports Complex stair at NIT, Kurukshetra.  
(Civil Work)

S. No.	PAR 2020 No.	Description	Qty	Unit	Rate	Amount
1	1	Building Cost (Specifications as per Annexure-II)				
1.1	1.1	R C C framed structure (upto six storeys)				
1.1.1	1.1.1	Floor height 3.60 mtr (office/College)	525	sq.mtr.	25800.00	13545000.00
1.2	1.3	EXTRA FOR				
1.2.1	4.1.8	Every 0.3 mtr Additional/ lesser height of floor above normal floor height of 3.60mtr/ 3.00mtr (7.35-3.60/0.30X350)=4375.00	525	sq.mtr.	4375.00	2296875.00
				<b>Building Cost</b>		<b>15841875.00</b>
1.2.2	1.3.4	Every 0.3 mtr or part thereof. Deeper foundation over normal depth of 1.20mtr (1.80-1.20=0.60/0.30=2X200=400.00	525	sq.mtr.	400.00	210000.00
1.2.3	1.3.8	Stronger structural members to take heavy load above 500 Kgs/sqm upto 1000 Kgs/sqm.	525	sq.mtr.	1700.00	892500.00
2	2	SERVICES				
2.1	2.1	Internal Water supply & sanitary installation				
2.1.1	2.1.1	Internal Water supply & sanitary installation (Office/College)	15841875	100 B cost	4.00	633675.00
2.2	2.2	External services connection and local bosity approval charges				
2.2.1	2.2.2	Civil external services connection				
2.2.1.1	2.2.2.1	Civil external services connection (office/college)	15841875	100 B cost	1.25	198023.00
		<b>TOTAL</b>			<b>(A)</b>	<b>17776073.00</b>

sd/-  
**Executive Engineer**  
Karnal Division

  
**Assistant Engineer (Civil)**  
O/o Superintending Engineer, Karnal  
CPWD, Karnal

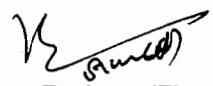
**PRELIMINARY ESTIMATE (Electrical)**

**Name of Work :- Construction of shed for covering the sports Complex stair at NIT, Kurukshetra. (Electrical Work)**

SL. No.	Description	Qty	Unit	Rate	Amount
1	Wiring for light point/fan point exhaust fan point/ call bell point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, with modular switch, modular plate, suitable GI bpx and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
1.1	Group C	80	Point	1213.00	97040.00
2	Wiring for circuit wiring in steel conduit with FRLS Copper Conductor Cable.	1	Job	25000.00	25000.00
3	Providing energy saving ceiling fans and LED fixtures i/c connections, testing & commissioning etc. reqd.	1	Job	300000.00	300000.00
4	Supplying & laying of Cable i/c providing distribution board, earthing etc. reqd.	1	Job	100000.00	100000.00
5	Providing compound light poles with LED post top lantern fittings i/c connection, testing & commission etc. as reqd.	10	Nos	300000.00	300000.00
	<b>TOTAL</b>	<b>(B)</b>			<b>822040.00</b>

sd/-

**Executive Engineer (Elect.)**  
KCED, CPWD,  
Karnal

  
**Assistant Engineer (Elect.)**  
O/o Superintending Engineer, Karnal  
CPWD, Karnal



Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of Internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWD, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 4 To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

- 5 To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

*[Handwritten signatures and initials]*

committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

In BWC Agenda;  
background/ref.  
3 Peripherals  
need be given  
& justify  
this in next Agt

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal Vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

Need to  
be mentioned  
in agenda.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

*[Handwritten signatures and marks]*

10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was apprised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells alongwith the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

*[Signature]*  
Faculty I/C (S&C)

*[Signature]*  
A.E. (Civil)

*[Signature]*  
A.E. (Elect.)

*[Signature]*  
Faculty I/C (E&C)

Point no 6 may be offer for considering some economical alternate from the point of utility and environment.  
Faculty I/C (H&L)

*[Signature]*  
Faculty I/C (EM & T)

*[Signature]*  
Professor- I/C (E&C)

Dean (P&D) & Chairman (EAC)

Point 6 above may be kept pending as per the remarks of Faculty I/c (H&L).  
*[Signature]*  
15/7/21

Registrar I/C

*[Signature]*  
15/07/21

Registrar Office

Dairy No. 940

Dt. 15.07.21

Director

Please discuss.

Dean P&D

Discussed.

The Estate Affair Committee Minutes/Recommendations

above are summarized below for consideration please.

(a) Routine items no.: 1, 2, 10

(b) New Works for which CPWD estimates were obtained after approval of works and items - 3, 5, 6, 7, 8 and 9.

*[Signature]*  
13/8/21

*[Signature]*  
13/8/21

Registrar Office

1122

13.8.21

*[Signature]*  
13/08/21

Dean (P&D)

P/I (E&C)

Fae I/C (E&C)

A.E. (C)

From a P.I.

*[Signature]*  
11/8/21

D(P&D)/197  
13/8/2021

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**BWC 27.6 To consider and approve the preliminary cum detailed cost estimate for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT at NIT Kurukshetra.**

The provision of internal & external finishing i.e. distempering & painting including minor and major repair in the Boys Hostel No. 4, 5 & 6 was approved by the 26<sup>th</sup> B&WC meeting held on 25.02.2020 vide item no. 26.3. Subsequently, the same was approved by FC in its 44<sup>th</sup> meeting and BOG in its 53<sup>rd</sup> meeting held on 21.08.2020.

Accordingly the A/A & E/S for the above said work was conveyed to CPWD vide letter No. CC/3492/428/3100 Dated 25.09.2020. The CPWD executed the above said work and handed over to the Institute after its completion and the same has been put to use. Further it is apprised that the letters were sent to CPWD vide No. CC/173/1329 dated 05.03.2020 and No. CC/42/279 dated 18.01.2021 to submit the cost estimate for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT type houses. It is also apprised that the painting and distempering of the above said buildings is overdue for the last 8 to 10 years since their construction. As per norms the painting and distempering of the buildings becomes due after every three years from the date of completion of the work or after painting/distempering. Due to non-painting/distempering, the wooden joineries (doors, windows and ventilators etc.) resulting into deterioration while plastering surface of walls etc. resulting into pilling off. The Executive Engineer (P), CPWD, Chandigarh office of Additional Director General (Region Chd.) submitted the preliminary cum detailed cost estimate amounting to Rs.23,16,06,500/- based on DSR-2019 vide letter F. No. 23(86)/ADG(RC)/EE(P)/2065-H dated 07.07.2021. The cost estimate was put up before the Estate Affair Committee Meeting held on 13.07.2021. The EAC deliberated and recommended that the cost estimate may be put before the B&WC for necessary approval. The recommendations of EAC were approved by the competent authority of the Institute. Further, after approval of the competent authority, the preliminary cum detailed cost estimate is being put up before the Building & Works Committee for approval as enclosed in **Appendix XI from page 120 to 139.**

The Building & Works Committee may consider and approve the preliminary cum detailed cost estimate for an amount of Rs. 23,16,06,500/- for internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT at NIT Kurukshetra.



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

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

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

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

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

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

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

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

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

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ESTATE SECTION  
Diary No. 687..  
Dated...16/09/2020

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA  
KURUKSHETRA-136119 Haryana

No. NITK/44<sup>th</sup>/FC/ 2911

Dated: 15.09.2020

The Finance Committee of the Institute in its 44<sup>th</sup> online meeting held on 21.08.2020 has decided as under:

**FC 44.5 To consider and approve the minutes of 26<sup>th</sup> meeting of Building & Works Committee (B&WC) held on February 25, 2020**

The Finance Committee considered the minutes of 26<sup>th</sup> meeting of Building & Works Committee (B&WC) held on February 25, 2020. After detailed deliberations, the Finance Committee approved the revised cost of the already approved works as mentioned in the Appendix IV and new works mentioned in the Appendix V of the agenda item, to be carried out from the respective head of the funds as mentioned in each of the Appendixes, subject to availability of funds under the said head(s) and recommended to the Board for its approval.

The Board of Governors in its 53<sup>rd</sup> online meeting held on 21.08.2020 has approved the above minutes of the Finance Committee.

This is for your reference, record and further necessary action in the matter.

  
15/09/20  
REGISTRAR I/C

Encl: Agenda Item

Professor-in-Charge (Estate & Constructions)

Copy to:

1. Professor-in-Charge (Accounts)
2. Assistant Registrar (Accounts)
3. Assistant Registrar (Audit)



(36)

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No./CC/3492/ 428 / 21-00

Dated 25.09.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

**Subject: Administrative Approval & Expenditure Sanction for the Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 4,5 & 6 at NIT, Kurukshetra.**

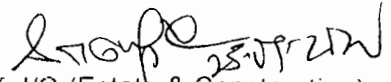
**Reference:** MoU dated 20.12.2012 and approval of the Hon'ble Director on dated 24.09.2020

In view of the approval of Competent Authority, the administrative approval and expenditure sanction is hereby conveyed for the work as cited in the subject with the cost estimate as under:

Sr. No.	Name of Work	Cost of Work
1	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 4,5 & 6 at NIT, Kurukshetra.	Rs. 2,91,26,500 (Rupees Two crores ninety one lacs twenty six thousand five hundred only)

Further, you are requested to complete the work upto March, 2021.

This is being issued with the approval of the competent authority.

  
Prof. I/C (Estate & Construction)

Copy to:

1. Dean (P&D) for information please
2. Prof. I/C (Accounts), NITK
3. A.E. (Civil), NITK
4. PS to Registrar for kind information of Registrar
5. Assistant Registrar to Director for kind information of the Hon'ble Director
6. A.E. (Civil), CPWD, NIT Camp Office
7. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
8. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9-A, Chandigarh

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No./CC/173/1329

Dated 05.03.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

आयर्स नं० 458  
दिनांक 6/03/20

The Executive Engineer (Elect.)  
CPWD, 208-D, HSIIDC, Sector-3,  
Karnal-132001

**Subject:** Regarding revised cost estimates for the various works.

**Reference:** This office letter nos. CC/3511/631/5836 dated 04.10.2019 CC/3492/864/7194 dated 30.12.2019 & CC/3577/866/7196 dated 30.12.2019.

In continuation to letters under reference and also discussed in the 26<sup>th</sup> meeting of the Building & Works Committee of the Institute held on 25.02.2020.

You are requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 to 3, 7 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT flats.
3.	Water Proofing Treatment of Cafeteria In Open Air Theatre.
4.	Construction of shed for covering the Sports Complex Stairs. ✓
5.	Construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court. ✓
6.	Covering of Open Air Theatre. ✓

This may be treated as most urgent.

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India Karnal-132001
7. PS to Registrar for kind information of Registrar
8. PS to Director for kind information of the Hon'ble Director

Sh. Harsh Jit To prepare the P.E. for the works at Sr. No 4, 5, 6 at the end of the semester submitted in 2.0 for further send to client department.



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

आगमि १.१२.२०  
दिनांक : २५/०१/२१  
न.व. कर्नाल

Reminder

No. CC/42/279

Dated 18.01.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001  
The Executive Engineer (Elect.),  
CPWD, Karnal Electrical Division, 208-D, HSIIDC,  
Sector-3, Karnal

Subject: To submit the revised cost estimate for the various works at NIT, Kurukshetra.  
Reference: This office letter no. CC/173/1329 dated 05.03.2020

In continuation to letter under reference, it is intimated that the following cost estimates have not been received in this office till date. It is also intimated that a meeting of the Building & Works Committee of the Institute is scheduled to be held very shortly. Therefore, it is requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1-4 and Staff Quarters including BT/CT
2.	Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Jubilee Hall.
3.	Construction of shed for covering the sports complex stairs.
4.	Provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex
5.	Construction of 3 nos. Synthetic Tennis Courts with light facility etc. by dismantling the existing Tennis Court.

This may be treated as most urgent.

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
6. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
7. PS to Registrar for kind information of Registrar
8. AR to Director for kind information of the Hon'ble Director

AE (C.)  
AAO/C.S.



जनगणना से जन कल्याण

भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT



By E-mail

कार्यालय:

अपर महानिदेशक (क्षेत्र चण्डीगढ़)  
के.लो.नि.वि., सेक्टर-9(ए), चण्डीगढ़-160 009  
दूरभाष सं० : 0172-2741169, 2749609

Website: <https://cpwd.gov.in>

Office of the:  
Additional Director General (Region Chd),  
CPWD, Sector-9(A), Chandigarh-160009  
Tel. Nos. : 0172-2741169, 2749609  
E-mail: [nrd.chd@cpwd.nic.in](mailto:nrd.chd@cpwd.nic.in)

पत्रांक / F.No: 23(86)/अ.म.नि.(क्षे.चं.) / का.अभि.(यो.) /

2065-18

दिनांक / Date: 7/07/2021

सेवा में,

✓  
Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra.

Fac HC (E&C), Fac HC (E&T)

A.F. (E)

For n.a. p.

15/07/21

AE (E)  
15/7/21

विषय: Provision of internal & external finishing i.e. distempering and painting including minor and major repair in the boys hostel no 1-3 and 7-10, girls hostels 1-4 and staff quarters including BT-CT at NIT Kurukshetra.

संदर्भ: पत्र सं. CC/173/1329 दिनांक 05.03.2020 and पत्र सं. CC/42/279 दिनांक 18.01.2021.

उपरोक्त कार्य का प्रारम्भिक सह विस्तृत अनुमान जो कि रु. 23,16,06,500/- का है, सक्षम प्राधिकारी द्वारा प्रशासनिक अनुमोदन एवं व्यय स्वीकृति प्रदान करने हेतु प्रेषित किया जा रहा है। कार्य की आवश्यकता को अनुमान के इतिहास में दर्शाया गया है। आपसे अनुरोध है कि कार्य के लिए प्रशासनिक अनुमोदन एवं व्यय स्वीकृति शीघ्र प्रदान 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 आफ एकाउंट) का भी उल्लेख करने की कृपा करें।

संलग्न: अनुमान की दो प्रतियां

(बिचित्र सिंह)

कार्यपालक अभियंता (यो.)

प्रतिलिपि सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित :-

1. अधीक्षण अभियन्ता-करनाल, के.लो.नि.वि., हैफेड ऑफिस बिल्डिंग, द्वितीय तल, एस.सी.ओ. 19-बी, सेक्टर 12 (पार्ट-1) करनाल को अनुमान की प्रति सहित।

कार्यपालक अभियंता (यो.)

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**State: Haryana**

**Division: Karnal**

**Branch: B & R**

**Sub-Division: KKR**

**NAME OF WORK:** Provision of internal & external finishing i.e. distempering and painting including minor and major repair in the boys hostel no 1-3 and 7-10, girls hostels 1-4 and staff quarters including BT-CT at NIT Kurukshetra.

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
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This Preliminary Cum Detailed Estimate framed by Er. Prashant Aggarwal, Executive Engineer- Karnal & processed in office of Superintending Engineer Karnal, CPWD, Karnal & further processed by Er. Bichittar Singh, Executive Engineer (P), O/o ADG (Region Chandigarh) for the a probable cost of Rs.23,16,06,500/- including 3% contingencies.

**REPORT**

**History:** This preliminary cum detailed estimate amounting to Rs.23,16,06,500/- i/c 3% contingencies has been framed to cover up the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction), NIT Kurukshetra vide letter no. CC/42/279 dated 18.01.2021(copy enclosed). Accordingly this preliminary estimate has been framed for obtaining A/A & E/S of the competent authority.

**Design & Scope:** The following provisions have been made in this preliminary estimate:-

1. Removing white or color wash in the internal area and water proofing cement painting and the like in the external area by scrapping, sand papering and preparing the surface smooth.
2. Internal finishing with white cement based wall putty of average thickness 1 mm and applying one coat of water thinnable cement primer under the distempering with 1st quality acrylic distemper two or more coats.
3. External finishing with two or more coats of premium acrylic smooth exterior paint including priming coat of exterior primer.
4. Painting with synthetic enamel paint of approved brand and manufacture of required colour by applying one or more coats on old work.
5. Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre and Distempering with 1<sup>st</sup> quality acrylic distemper, having VOC content less than 50 grams/litre of approved brand and manufacture, including applying two coats and additional coats wherever required in BT CT quarters.

6. Provision of Minor repair work to walls and ceilings of the hostels and residential area i/c BT-CT quarters.
7. Provision for strengthening of weak portion of chhajja, beam, shelves, lintels & ceiling portion. In this regard application of SBR polymer plaster has been taken.
8. Provision for repairing of mud-phaska & replacement of rain water pipes have been taken.
9. No provision for electrical work has been taken as discussed with Prof. Incharge (Estate & Construction) from NIT, Kurukshetra by AE/KKR.
10. Following is the details of buildings incorporated in this estimate.

Sr. No.	Description of building	Capacity
1.	Boys Hostel No. 01 (UG)	250 Students/ 3 Seater
2.	Boys Hostel No. 02 (UG)	250 Students/ 3 Seater
3.	Boys Hostel No. 03 (UG)	250 Students/ 3 Seater
4.	Boys Hostel No. 07 (UG)	350 Students/ Single Seater
5.	Boys Hostel No. 08 (UG)	350 Students/ Single Seater
6.	Boys Hostel No. 09 (UG)	350 Students/ Single Seater
7.	Boys Hostel No. 10 (UG)	1000 Students/ Single Seater
8.	Girls Hostel No. 01 (UG)	120 Students/ 42 Single Seater, 6 Double Seater & 22 Triple Seater
9.	Girls Hostel No. 02 (UG)	200 Students/ Single Seater
10.	Girls Hostel No. 03 (UG)	300 Students/ Single Seater
11.	Girls Hostel No. 04 (UG)	600 Students/ Single Seater
<b>Staff Quarters</b>		
1.	G-Type Quarters	92 Nos.
2.	F-Type Quarters	78 Nos.
3.	E-Type Quarters	24 Nos.
4.	DB-Type Quarters	68 Nos.
	Teachers Flats	24 Nos.
5.	CT-Type Quarters	20 Nos.
	CA-Type Quarters	13 Nos.
	CB-Type Quarters	09 Nos.
	AD-Type Quarters	06 Nos.
	CC-Type Quarters	12 Nos.
	DA-Type Quarters	15 Nos.
6.	BT-Type Quarters	20 Nos.
	BA-Type Quarters	06 Nos.
	BB-Type Quarters	16 Nos.
	BC-Type Quarters	06 Nos.

**Specification:**

Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slips shall be followed.

**T & P:**

Shall be arranged by the contractor.

<b><u>WC Establishment:</u></b>	Shall be met out of contingencies.
<b><u>Land:</u></b>	Available with client department.
<b><u>Rate:</u></b>	Based on DSR – 2019 rates.
<b><u>Method:</u></b>	Through contract after call of tender.
<b><u>Time:</u></b>	15 Months (03 months for planning & 12 months for execution)
<b><u>Cost:</u></b>	Rs. 23,16,06,500/- i/c 3% contingencies .

**Other Information:-**

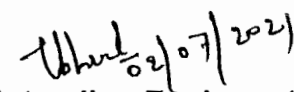
- (i) After receipt of A/A & E/S from the client deptt., CPWD will prepare and submit various detailed architectural drawings and services plans to Local bodies(i/c environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organization and CPWD has no control over them. 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 deptt. also to pursue with local bodies for early approval.
- (ii) CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
- (iii) Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client deptt.
- (iv) The CPWD has no funds of its own for investing in the work. The client deptt. should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client deptt. fails to provide funds as per requirements, it may be necessary for CPWD to suspend/abandon the work. In such eventuality , the client deptt. shall be solely responsible for all the consequences arising out of such stoppage/abandonment of work i/c claims of contractors for compensation/damages. If additional funds are required, the same will have be provided by client deptt. on the Revised Estimates submitted by CPWD.
- (v) Funds for making payment of all amount which may be decreed by the Court of Law, Tribunal or by award of an Arbitrator in relation to the work will be made available by the client deptt. promptly irrespective of it not being a party before the Court, Tribunal or Arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.



- (vi) The client deptt. will help CPWD in –
- a) Providing site for labour huts for the contractor's labour free of cost.
  - b) Providing free access to contractor's materials and labour to the site of work.
  - c) Providing electricity connection for execution of work on payment of usual charges.
  - d) Sanction and release of load from the concerned electricity board / authority.

  
Assistant Engineer (P)

  
Executive Engineer (P)

  
Superintending Engineer (P) (C)  
O/o ADG (Region Chandigarh)  
CPWD, Chandigarh



## General Abstract of Cost

**Name Of Work :- Provision of internal & external finishing i.e distempering and painting including minor and major repair in the boys hostel no 1-3 and 7-10, girls hostels 1-4 and staff quarters including BT-CT at NIT Kurukshetra.**

S.No.	Sub-Heads	Amount	
1	Civil Work	190387575.00	
	Total Amount	190387575.00	(X)
	Add Anticipated Cost Index @ 3% on (X) for increase in cost from submission of PE to completion of pre-construction activities. (As per No. 68/SE(TAS)/Cost Index/2020/456-H dated 24.11.2020).	5711627.00	
	Add Anticipated Cost Index @ 3% per annum for increase in cost during completion of work for 15 months $(3 \times 1.25) = 3.75\%$ on (X) (As per No. 68/SE(TAS)/Cost Index/2020/456-H dated 24.11.2020).	7139534.00	
	Add 3% Contingencies on (X)	5711627.00	
	Add ESI+EPF@ 11.90% on (X)	22656121.00	
	Total	231606484.00	
	Say	231606500.00	

  
 01/7/2021  
 Assistant Engineer (P)

  
 02/07/2021  
 Executive Engineer (P)

  
 02/07/2021  
 Superintending Engineer (P) (C)

  
 6/7/2021  
 ADG (Region Chandigarh)  
 CPWD, Kendriya Sadan, Sector 9-A,  
 Chandigarh

## ABSTRACT OF COST: Original Estimate

Name of Work:- Provision of internal & external finishing i.e distempering and painting including minor and major repair in the boys hostel no 1-3 and 7-10, girls hostels 1-4 and staff quarters including BT-CT at NIT Kurukshetra.

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
1	CONCRETE WORK					4
1.1	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :					4.2
1.1.1	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	17	cum	8976.45	152600.00	4.2.2
2	REINFORCED CEMENT CONCRETE					5
2.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	50	cum	9763.80	488190.00	5.3
2.2	Centering and shuttering including strutting, propping etc. and removal of form for					5.9
2.2.1	Shelves (Cast in situ)	78	sqm	693.05	54058.00	5.9.4
2.2.2	Lintels, beams, plinth beams, girders, bressumers and cantilevers	170	sqm	552.05	93849.00	5.9.5
2.2.3	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	33	sqm	284.85	9400.00	5.9.15
2.2.4	Weather shade, Chajjas, corbels etc., including edges	600	sqm	766.75	460050.00	5.9.19
2.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					5.22A
2.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	6250	kg	83.50	521875.00	5.22A.6
	Sub-Total					
3	MASONRY WORK					6
3.1	Brick work 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 in all shapes and sizes in :					6.4
3.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	309	cum	7590.45	2345449.00	6.4.2
	Sub-Total					
4	ROOFING					12

4.1	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :					12.2
4.1.1	In 75x75 mm deep chase	1036	metre	237.25	245791.00	12.21
4.2	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 1 m x1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	155	each	244.05	37828.00	12.22
4.3	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.					12.41
4.3.1	110 mm diameter	1045	metre	305.05	318777.00	12.41
4.4	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.					12.42
4.4.1	Bend 87.5°					12.42
4.4.1.1	110 mm bend	155	each	129.85	20127.00	12.42.5
4.4.2	Shoe (Plain)					12.42
4.4.2.1	110 mm Shoe	155	each	113.80	17639.00	12.42.6
4.5	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.					12.43
4.5.1	110 mm	465	each	288.80	134292.00	12.43
4.6	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	155	each	47.25	7324.00	12.44
	<b>Sub-Total</b>					
5	<b>FINISHING</b>					13
5.1	12 mm cement plaster of mix :					13.4
5.1.1	1:6 (1 cement: 6 coarse sand)	5420	sqm	263.55	1428441.00	13.4.2
5.2	15 mm cement plaster on rough side of single or half brick wall of mix:					13.5
5.2.1	1:6 (1 cement: 6 coarse sand)	5420	sqm	303.90	1647138.00	13.5.2
5.3	6 mm cement plaster of mix :					13.16
5.3.1	1:3 (1 cement : 3 fine sand)	1503	sqm	227.35	341707.00	13.16
5.4	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface:					13.43
5.4.1	Water thinnable cement primer	254438	sqm	60.00	15266280.00	13.43

5.5	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:					13.47
5.5.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	306628	sqm	161.15	49413102.00	13.47.1
5.6	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	239380	sqm	115.15	27564607.00	13.80
5.7	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.					13.81
5.7.1	Two coats	520811	sqm	81.90	42654421.00	13.81.1
5.8	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.					13.83
5.8.1	Two coats	21355	sqm	113.90	2432335.00	13.83.1
5.9	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	99669	sqm	14.20	1415300.00	13.88
5.10	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	318211	sqm	18.25	5807351.00	13.91
5.11	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					13.99
5.11.1	One or more coats on old work	141965	sqm	79.95	11350102.00	13.99.1
	Sub-Total					
6	REPAIRS TO BUILDING					14
6.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					14.1
6.1.1	With cement mortar 1:4 (1cement: 4 coarse sand)	12750	sqm	429.60	5477400.00	14.1.1

6.2	Regrading terracing of mud phaska covered with tiles or brick, in cement mortar by dismantling tiles or bricks, removing mud plaster, preparing the surface of mud phaska to proper slope, relaying mud plaster gobri leaping and tiles or bricks, grouted in cement mortar 1:3 (1 cement : 3 fine sand), including replacing unserviceable tiles or bricks with new ones and disposal of unserviceable material to the dumping ground (the cost of the new tiles or brick excluded), all complete as per direction of Engineer-in-Charge.	500	sqm	521.60	260800.00	14.13
	Sub-Total					
7	DISMANTLING AND DEMOLISHING					15
7.1	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.	175	cum	2534.70	443573.00	15.3
7.2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.					15.7
7.2.1	In cement mortar	461	cum	1469.90	677624.00	15.7.4
7.3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	8250	sqm	39.00	321750.00	15.56
7.4	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	636	cum	138.85	88309.00	15.6c
	Sub-Total					
8	NEW TECHNOLOGIES AND MATERIALS					26
8.1	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge					26.28
8.1.1	25 mm average thickness	7175	sqm	96.50	692388.00	26.28.3
8.2	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge.					26.32
8.2.1	25 mm average thickness in 2 layers.	7175	sqm	471.00	3379425.00	26.32.2

8.3	Providing and fixing hard drawn steel wire fabric of size 75 x25 mm mesh or other suitable size wire mesh to be fixed & firmly anchored to the concrete surface by means of "L" shaped mild steel shear key welded with existing reinforcement including the cost of materials, labour, tool & plants as approved by Engineer-in-charge.	7175	sqm	801.70	5752198.00	26.4
	<b>Total</b>				<b>181321500.00</b>	<b>(A)</b>
	Add Cost index @ 5% on (A)				9066075.00	
					<b>190387575.00</b>	

  
 01/7/2021  
 Assistant Engineer (P)

  
 01/7/2021  
 Executive Engineer (P)

Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWD, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 4 To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

- 5 To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

*[Handwritten signatures and initials]*  
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committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

In BWC agenda;  
background/ref.  
2 Peripherals  
road to be given  
& Ducting  
this in front of

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal Vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

Head to  
be mentioned  
in agenda.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

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10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was apprised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells alongwith the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

Faculty I/C (S&C)

Faculty I/C (E&C)

Professor I/C (E&C)

Dean (P&D) & Chairman (EAC)

Registrar I/C

A.E. (Civil)

A.E. (Elect.)

Faculty I/C (EM & T)

Point no 6 may be kept for considering some economical alternate from the point of utility and environment.

Point 6 above may be kept pending as per the remarks of Faculty I/c (H&L).

Registrar Office

Dairy No. 940

Dt. 15.07.21

Director

Please discuss.

Dean P&D

Discussed.

The Estate Affair Committee Minutes/Recommendations

above are summarized below for consideration please.

(a) Routine items no. : 1, 2, 10

(b) New works for which CPWD estimates were obtained after approval of works and items - 3, 5, 6, 7, 8 and 9.

Director

13/8/21

13/8/21

Registrar Office

Dt. 13.8.21

13.8.21

Dean (P&D)

P.I. (E&C)

Fac. I/C (E&C)

A.E. (C)

Form a. P.I.

**BWC 27.7** To consider and approve the preliminary cost estimate for the provision of Inter locking paver blocks on ECO track from

- (i) West side of Oxidation Pond to Near MBA/MCA Block.
- (ii) Main gate of STP to H. No. CA-7 along the boundary wall.
- (iii) STP main gate to South West corner of the Kalpana Chawala Girl's hostel.
- (iv) South West Corner of the Kalpana Chawala Girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The requests received from Faculty I/C (H&L) & Security Officer on 25.01.2021 to construct ECO track with suitable material from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to Near G-Type market along the boundary wall, from STP main gate to south West corner of the Kalpana Chawla Girl's hostel & from South West Corner of the Kalpana Chawla Girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain. The same was put up before the Estate Affairs Committee meeting held on 29.01.2021. The EAC recommended that a letter may be written to CPWD for submission of cost estimate for the proposed work and the same was approved by the competent authority of the Institute. After approval of the competent authority, Executive Engineer (Civil) CPWD, Karnal was intimated vide letter No. C/3506/131/983 dated 25.02.2021 which is enclosed as **Appendix XII from page 142 to 154.**

In response to the above letter, Superintending Engineer (Civil), CPWD Karnal has submitted the preliminary cost estimate amounting to Rs. 2,04,75,500/- vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain. The cost estimate received from CPWD was put up before the EAC held on 13.07.2021. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval as enclosed in **Appendix XIII from page 155 to 162.**


The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

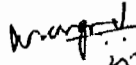
It is to inform you that the competent authority of the Institute has desired during the site visit from time to time to construct ECO track with suitable material at the following locations:

1. From West side of Oxidation Pond to Near MBA/MCA Block.
2. From main gate of STP to Near G-Type market along the boundary wall.
3. From STP main gate to South West corner of the Kalpana Chawala Girl's hostel.
4. From South West Corner of the Kalpana Chawla Girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

In this regard, it therefore, requested to construct the above said ECO track as early as possible to make convenient to maintenance staff for carrying maintenance work.

  
Faculty I/C (H & L)

Prof. I/C (Estate & Construction)

  
25.11.2021

AE/C

SS(A)

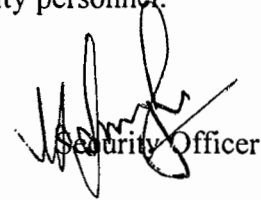
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NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

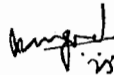
**Subject:        Regarding construction of patrolling path along the external boundary wall  
                 of the Institute for the Security Personnel.**

It is to inform you that the security personnel required a path with suitable material for patrolling of the Security Personnel along the external peripheral boundary wall of the Institute from MBA/MCA Block to Oxidation Pound, Back side of Kalpana Chawala Girl's Hostel to Oxidation Pond, From Oxidation pond to Near G-Type Market and from West corner of the Kalpana Chawala Girl's hostel to main boundary wall of the Institute towards west along the main storm water drain. It is also inform you that in the rainy season face a lot of problems during patrolling.

In this regard, it therefore, requested to construct the above said paths as early as possible with the suitable material for the patrolling of Security personnel.

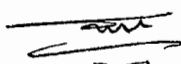
  
Security Officer

Prof. I/C (Estate & Construction)

  
25/01/2021

AS/C

SS(A)

  
25/01/2021

**Subject: Minutes of the meeting of Estate Affairs Committee held on 29.01.2021 in the office of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.**

A meeting of Estate Affairs Committee was held on 29.01.2021 at 12:30 PM onward in the office of Dean (P&D) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. **To discuss regarding Action Taken on previous meeting was held on 08.01.2020**  
The detailed discussion on action taken is enclosed as Annexure-I
2. **To discuss the requests received from various Departments regarding provision of space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.**  
The requests received from various departments regarding provision of space requirement for new building i.e. Labs, Lecture Halls, Seminar Halls, Tutorial Rooms, Faculty Rooms, Storage space, Departmental Library and other utilities i.e. washroom etc. the request for space requirement of labs & office area at par with existing workshop area, new CNC Lab and expansion of other labs were put up before the committee. The Estate Affairs Committee discussed regarding the space requirements of various departments and deliberated on the matter. After detailed discussion the EAC recommends that a multi-storeyed Academic Building is required consisting of Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room and other utilities i.e. storage and washrooms including more permissible floors etc., existing labs, new Labs, CNC lab & Office area of Workshop. The provision of space for workshops and heavy machinery labs may be made at ground floor only. Accordingly, CPWD may be requested to propose a multi-storeyed Academic Building in consultation with Chief Architect CPWD and also submit the conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for proposed multi-storeyed Academic Building.
3. **To discuss the request received from HoD (Civil) vide no. CED/47 dated 09.01.2020 regarding fixing of Kota Stone on the floor in various lab of Geotechnical Section, Civil Engg. Deptt.**  
This agenda item is clubbed in the Agenda item no. 5.
4. **To discuss a Preliminary Cost Estimate of Rs. 2,60,94,700/- received from the office of Superintending Engineer (Civil) through Assistant Engineer (Civil), CPWD Karnal vide letter no. NIT-KKR/SEK/2020/932 dated 28.12.2020 for Covering the Open Air Theatre at NIT, Kurukshetra**  
The preliminary cost estimate of Rs. 2,60,94,700/- for the work of covering the Open Air Theatre was discussed in detail & deliberated in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.
5. **To discuss the Preliminary Cost Estimate of Rs. 2,84,68,412/- received from the Superintending Engineer (Civil), CPWD, Karnal vide letter no. NIT-KKR/SEK/2020/511 dated 20.08.2020 for the work of Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. at NITK**

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

The preliminary cost Estimate of Rs. 2,84,68,412/- for the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. including Agenda at item No. 3 was discussed in detail in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.

- 6 a) To discuss regarding the provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another at various locations in the existing Academic Buildings.

b) To discuss regarding ramps, walking aids & specially designed toilets etc. for PwD persons at various locations in the existing Academic Buildings.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the tentative proposed locations of lifts duly approved by the competent authority of the Institute may be sent to CPWD to submit the feasibility & structural stability report alongwith cost estimate for.

a) Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

b) Provision of ramps, walking aids & specially designed toilets etc. for PwD persons including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

- 7 To discuss the widening of roads between BB, BC & CB Type houses

The matter regarding widening of various roads between BB, BC & CB Type houses by providing cement concrete paver blocks was discussed in detail in the Estate Affairs Committee. The EAC resolved and recommended that the work may be executed from the savings of the work of widening of various roads in the Institute. CPWD may be asked to include this additional work in the A/A & E/S already conveyed for the work of widening of various roads in the Institute.

- 8 To discuss the request received from the Girl's Hostel regarding reimbursement of electricity bill.

The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the request received from the Girls Hostel through Chief Warden (Girls) may be forwarded to Dean (SW) for consideration & comments for all the hostels as per existing policy of the Institute.

- 9 To discuss the request received form HoD Elect. Engg. Deptt. regarding the Installation of 40 KW Solar of Grid Plant at the roof top of Elect. Engg. Deptt.

The request was discussed in detail in the EAC meeting. The EAC resolved and recommended that the proposal may be allowed subject to the condition that no extra civil works will be executed on the proposed site including permanent staircase and no extra space will be allocated for the said purpose. The installation and electrical maintenance will be taken care by the Deptt. However, the generated electrical power may be utilized by the deptt. in addition to the research/lab. HoD will ensure the safety of students and working personnel at his own risk and responsibility

- 10 The works mentioned at item no. 10,11,12,13 &14 were discussed in detail in the EAC meeting. The EAC resolved & recommended that such type of items may be put up before the EAC after receiving the cost estimates from CPWD.

*[Handwritten signatures and marks at the bottom of the page, including "145" and "145"]*

- 15 **Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 Regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.**

In this regard the EAC was apprised that the CPWD was intimated vide letter no. CC/3581/440/3135 dated 29/30.09.2020 & CC/3581/13/106 dated 06.01.2021 for Investigation/ Inspection of Staff Quarters regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the CPWD has submitted a report vide letter no. 20(NIT)PS/KC/2020/134 dated 16.01.2021 and the conclusive part of the report is reproduced below:

*"In this regard, it is hereby intimated that for detailed report a detailed technical/structural audit of the building is required from some pioneer technical institution like IIT's/NITs which perform all the destructive/non destructive testing of the building structures. CPWD does not do a structural audit as no means/testing facilities are available to perform such audit. It is, therefore, requested to get the detailed structural audit/technical audit from some external agency or it can be done by your good self also as CPWD is getting many testing of its own works from NIT Kurukshetra and only then a point-wise detailed report can be prepared".*

The EAC discussed the letter in detail. The EAC resolved & recommended that since the matter has already been taken up by a special committee duly constituted by the competent authority, this matter may be referred to the same committee for further consideration.

- 16 **Provision of shed and flooring in the Open courtyard between G-102 and boundary wall of Non-Teaching Club.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the construction of shed in the open courtyard between G-102 and boundary wall of Non-Teaching Club is not feasible due to aesthetic point of view. However, committee recommended that the flooring in the open courtyard may be provided with suitable material which is available in the Estate Store.

- 17 **Construction of Boundary Wall around Hostel No. 5 & 6.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the boundary wall may be constructed partially towards East & West side of the safety and stopping the trespassing of that area. The CPWD may be requested to submit the cost estimate.

- 18 **Provision of dustbins, road of 6' wide on the East side of Hostel no.-5 and additional toilets in the bearer barracks.**

The matter was discussed in detail in EAC. The EAC was apprised that as per norms dustbins, road 6' wide and additional toilets have already been provided in bearer breaks. Hence EAC resolved and recommended that additional dustbins, toilets and 6' wide road would not be required. These additional dustbin will disturb the surround aesthetic.

- 19 **Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawla Girl's hostel and South West Corner of the Kalpana Chawla girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be written to CPWD for submission of cost estimate of the proposed work.

- 20 **To discuss regarding structural stability and economical repairs in the Guest House.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be sent to CPWD for providing a report on structural stability & economical repairs of the Guest House.

- 21 **Provision of furniture for additional floor over the existing building of MBA/MCA Department**

- 22 **Provision of furniture for 2nd floor over Old MBA Block (New Workshop Building).**

The matter regarding provision of furniture items in additional floor over the existing building of MBA/MCA Department & 2nd floor over Old MBA Block (New Workshop Building) was discussed in detail in the EAC. The EAC resolved and recommended that firstly requirement of furniture items may be obtained from the concerned Head of Departments, so that after compilation the same may be put up in the EAC meeting.



-4/N-

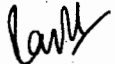
- 23 To report saving by installation of rooftop Solar Power Plant since last EAC meeting.

The matter regarding reporting in saving by providing a roof top solar Power Plant was discussed in the EAC Meeting. The AE(Elect.) apprised that the total saving by installation of rooftop Solar Power Plant from January-2020 to December -2020 is Rs. 60,82,769/-.


- 24 Any other item:

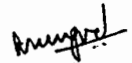
Under any other item the EAC was apprised that the existing shutters in the HT/LT Sub-Stations and metering room are deteriorating over a period of time. It was also apprised that the matter has also been explored from the local market that huge expenditure is required for their repair work. The EAC discussed the matter in detail and resolved that the existing shutters in the HT/LT Sub-Stations and metering room be replaced with suitable arrangement of these shutters at a minimum expenditure on buy back basis. The work may be executed by Estate Section.

Submitted for kind consideration & approval please,

  
Faculty I/C (S&C)

  
A.E. (Civil)


  
A.E. (Elect.)


  
Prof. I/C (E&C)

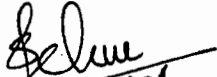
  
Faculty I/C (H&L)

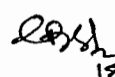
  
Faculty I/C (EM & T)

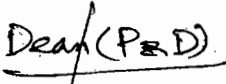
  
Dean (P&D) & Chairman (EAC)

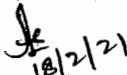
  
Registrar I/C

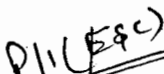
  
DIRECTOR Approved recommendations except pt. No ⑤ & ⑥.  
which needs details and deliberations.

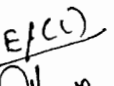
  
17/2/21

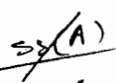
  
R/I/C 18/02/21

  
Dean (P&D)

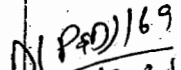
  
18/2/21

  
P/I/C  
Fac I/C (E&C) 18/02/21

  
A.E. (C)  
18/02/21

  
S/A 18/2/2021 147

  
19/2/21

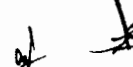
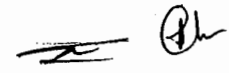
  
10/2/2021

Registrar Office  
Dairy No 287  
Dt. 10/2/21

1.	To discuss regarding Action Taken on previous meeting was held on 08.01.2020
2.	<p>To discuss the requests received from various Departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.</p> <p>As per decision of the EAC consolidated requirements including Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room etc. and space for workshops, power backup system and heavy machinery labs at ground floor have been received from various departments/schools etc. and the same has been compiled by Estate Section.</p>
3	<p>To discuss the request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding construction of parking in Block -A</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/117 dated 17.02.2020 that the construction of parking space was not included in the original plan in the Hostel. Therefore, it is not feasible to construct parking in Block-A at present.</p>
4	<p>To discuss a letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings.</p> <p>The decision of the EAC was conveyed to Executive Engineer (Civil), CPWD vide letter no. CC/3506/119/1058 dated 17.02.2020 to prepare the comprehensive plan for the installation of roof top rain water harvesting systems in the Institute buildings by channelizing the roof top rain water. No reply is received in this office till date. Again a letter has also been sent to Executive Engineer (Civil), CPWD vide no. CC/3506/62/425 dated 27.01.2021</p>
5	<p>To discuss the request received from the Warden, Fanibhushan Bhawan (Hostel No.-6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary wall.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/116 dated 17.02.2020 that the boundary wall towards east face only or as per site requirement of Hostel No. 5 &amp; 6 needs to be constructed to separate the hostels and bearer barracks.</p>
6	<p>To discuss the request received from Prof. Anupam Mital, Prof.I/C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt.</p> <p>The agenda item is being discussed under the Agenda item no. 5 in this meeting.</p>
7	<p>To discuss the request received from Prof. N.P. Singh, HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 &amp; 111 of ECE Deptt.</p> <p>The above said work has been included in the preliminary cost estimate of the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education &amp; Sports Section, CAD, Physics Department, School of VLSI Design &amp; Embedded System, Central Workshop, CED and Chemistry Department etc. at</p>

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	NITK with the cost estimate of Rs. 2,84,68,412/- received from the CPWD vide no.NIT-KKR/SEK/2020/511 dated 20.08.2020
8	<p>To discuss regarding various works to be putup before the B&amp;WC in its ensuing meeting that is going to be held shortly.</p> <p>The following works have been approved by B&amp;WC in its 26th meeting and are in progress.</p> <ul style="list-style-type: none"> <li>i) Provision of Internal &amp; External finishing i.e. distempering &amp; painting including minor &amp; major repair in the Boys Hostel No. 4, 5 &amp; 6.</li> <li>ii) Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.</li> <li>iii) Re-carpeting of various roads in the Institutional and Hostel areas.</li> <li>iv) Widening of various roads in the Institute.</li> <li>a) Road from Apollo Canteen to Security Check Post between Hostel No. 7 &amp; 8 along with the provision of footpath as per site requirement.</li> <li>b) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.</li> <li>c) Road from Junction near disposal pump to North West corner of Guest House.</li> </ul> <p><b>A/A &amp; E/S of the following works have been conveyed to CPWD</b></p> <ul style="list-style-type: none"> <li>i) Provision of access to Golden Jubilee Administrative Building by providing a gate &amp; parking shed for two wheelers along the inside boundary wall towards west.</li> <li>ii) Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.</li> </ul> <p><b>The following works are to be executed in the next financial year</b></p> <ul style="list-style-type: none"> <li>i) Finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and Girls Hostel No.-1.</li> <li>ii) Construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP.</li> <li>iii) Renovation/ up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.</li> <li>iv) Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel &amp; MBA/MCA Department and road between Jubilee Hall &amp; Library including arrangement of drainage of storm water.</li> </ul>
9	<p>To discuss the request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide no. CC/3506/119/1058 dated 17.02.2020. No aluminium/glass partitioning for a small scale library is possible. However, if required, Hostel authority may provide aluminium/glass partitioning for a small scale library at their own level within space already available in common area.</p>
10	<p>To discuss the request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool.</p> <p>The estimate has been prepared by the Estate Section for the above said work and the same is in process to obtain the approval of the competent authority.</p>

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AS Ab SV / of \* →

11	<p>The following works were discussed in the previous meeting of EAC held on 08.01.2020 vide agenda item no. -11</p> <ul style="list-style-type: none"> <li>i) Construction of G+5 Building</li> <li>ii) Construction of Gymnasium Hall</li> <li>iii) Construction of Student Activity Centre (SAC)</li> <li>iv) (a) 750 capacity Single seater hostel (b) 750 capacity 2 seater hostel</li> <li>v) Construction of Community Centre</li> <li>vi) Construction of Auditorium Hall (2000 capacity)</li> </ul> <p>In this regard the decision of EAC was conveyed to CPWD to provide the Architectural drawings alongwith cost estimate. The same is still awaited from CPWD.</p>
12	<p><b>Any other item:</b></p> <p><b>a</b></p> <p><b>(i)</b> The matter was discussed regarding on-going construction works being executed by CPWD. The work of renovation of ground floor and first floor including c/o lift &amp; staircase block for Old MBA Block (New Workshop Building) has been completed except rectification of defects already conveyed to CPWD.</p> <p><b>(ii)</b> Providing E&amp;M services of ground floor &amp; first floor including goods lift and air conditioning system on additional floor over existing old MBA Block (New Workshop building are completed except rectification of defects already conveyed to CPWD and installation of lift is in progress.</p> <p><b>b</b> The work of construction of Indoor Badminton Hall has been completed, final inspection has also been carried out and list of defects has been conveyed to CPWD for rectification.</p> <p><b>i</b> The matter regarding construction of washrooms near Kurukshetra University side gate for security personnel was discussed in the EAC meeting. The EAC resolved that the washrooms be constructed near abandoned tube well no.-3, parking towards KUK main gate and sewerage line of Sports Ground be replaced as proposed in the drawing sketch. The feasibility near abandoned tube well no. -3 has been explored and observed that it is not possible.</p> <p><b>ii</b> The matter regarding disposal of removal of furniture lying in the various departments and occupying huge space was discussed in the EAC. The Prof. I/C (E&amp;C) apprised the EAC and EAC resolved that a letter has already been written to all HoDs/Chief Warden (Girls) vide no. CC/3506/252 dated 23.04.2019 regarding dumping the damaged furniture of their department in the allocated space of Alkhanda Bhawan.</p> <p><b>iii</b> The matter regarding increase the height of parapet wall in Hostel No. 4 &amp; 5 was discussed in the EAC. The EAC resolved that the height of parapet wall be increased as per site requirement. The work has been allotted to CPWD and is in progress.</p> <p><b>iv</b> The decision of the EAC has been conveyed to the Electrical Maintenance Section vide letter no. CC/3506/118 dated 17.02.2020 regarding providing uninterrupted electricity supply through DG Sets installed at Electrical Sub-Stations in the Institute, during various programs of the students at various locations in the Institute.</p>

-150-

*[Handwritten signatures and initials]*

**The Detailed measurement for Construction of Inter locking Paver Blocks on Various Roads( Eco Track)**

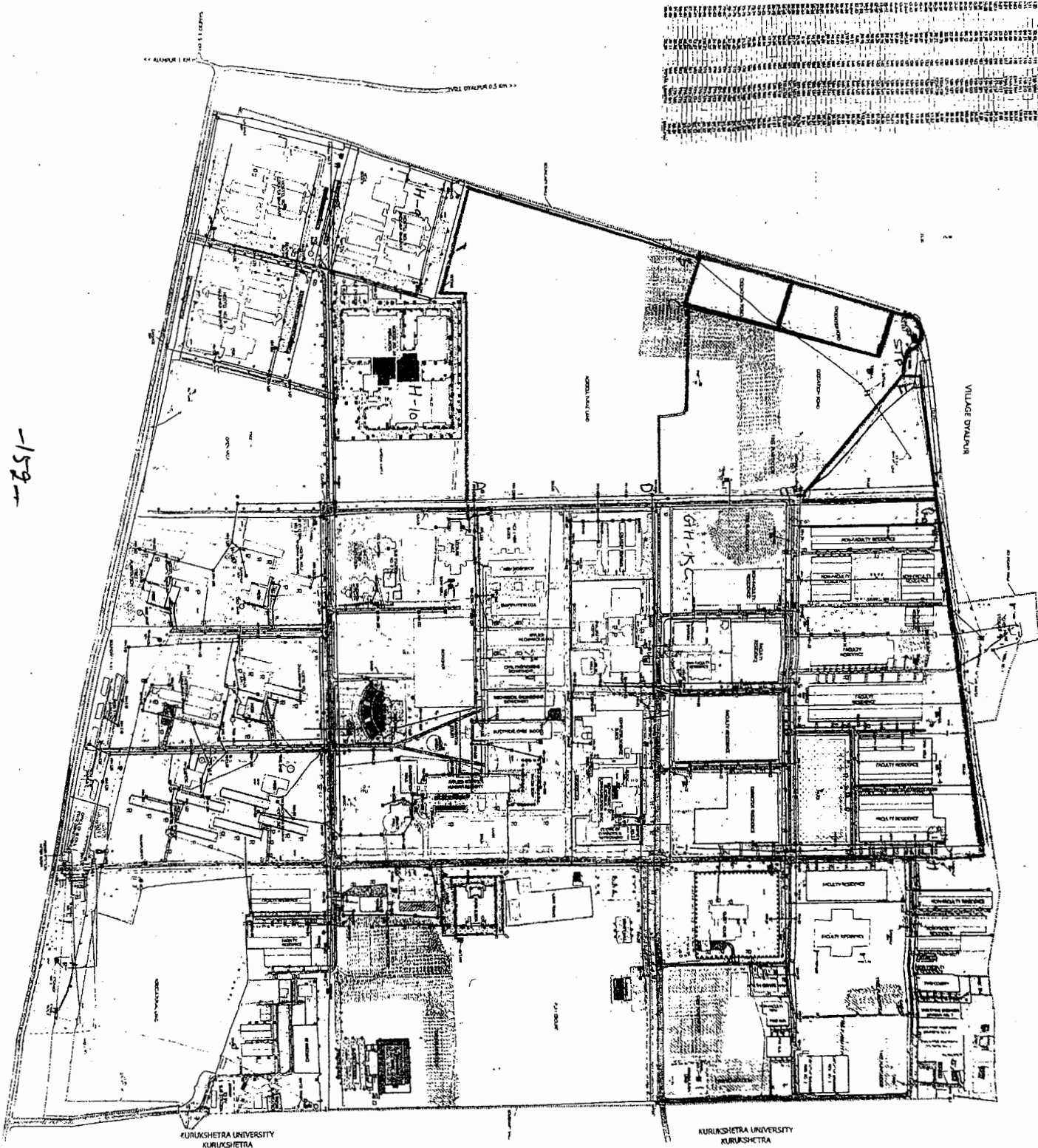
Sr.No.	Description		Measurement				
	From	To	No.	Width(m)	Length(m)	Area(sq.m)	
1	Strach -1	MBA/MCA Block	South east corner of Oxidation Pond	1	3.50	686.00	2401.00
2	Strach -2	South East Corner of Kalpana Chawla Girl Hostel	North east corner of Oxidation Pond	1	3.50	250.00	875.00
3	Strach -3	South West Corner of Kalpana Chawla Girl Hostel	STP	1	3.50	208.00	728.00
4	Strach -4	South West Corner of Kalpana Chawla Girl Hostel	Boundary Wall ( Along main Strom Drain)	1	3.50	164.00	574.00
5	Strach -5	STP	Road in front of CA-07	1	3.50	637.00	2229.50
				Total		1945.00	4004.00 x 2406

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\* 96,28624

TOPOGRAPHICAL SURVEY PLAN OF NIT CAMPUS KURUKSHETRA AT KURUKSHETRA (H-1)

SCALE 1:500  
(DETAIL OF SEWER & STORM LINES)



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No: CC/3506/131/983

Dated 25.02.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawla Girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

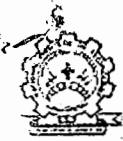
The approval of the competent authority of the Institute is hereby conveyed for the construction of path with the provision of Inter locking paver blocks as cited in the subject. In this regard, it is therefore, requested to submit a cost estimate for the above said work at the earliest, so that an early action may be taken accordingly.

This is for your information and further necessary action please.

*Mungad* 25.02.2021  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Dean (P&D) for information please
3. A.E. (Civil), CPWD, NIT Camp Office
4. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO19-20, Sector-12 (Part-I), Karnal-132001
5. PS to Registrar for kind information of Registrar
6. AR to Director for kind information of the Hon'ble Director



Diary No. 2159  
Dated 19/04/2021

Diary No. 371  
Dated 19.04.21

registrar . <registrar@nitkkr.ac.in>

**Fwd: PF for the work : Provision of inter locking paver blocks on eco track from south west side of oxidation pond to near MBA/MCA Block, from main gate of STP to house No. CA-7 along the boundary wall, STP main gate to south west corner of Kalpana Chawla Girls Hostel and south west corner of the Kalpana Chawla Girls hostel to main boundary wall of the institute towards west along the main storm water drain at NIT Kurukshetra**

1 message

Dr. Satish Kumar Director N.I.T Kurukshetra <director@nitkkr.ac.in>  
To: registrar <registrar@nitkkr.ac.in>, ARUN GOEL <drarun\_goel@yahoo.co.in>

Mon, Apr 19, 2021 at 5:13 PM

ESTATE SECTION

Diary No. 414

Dated 20/4/21

----- Forwarded message -----

From: **Superintending Engineer Karnal** <secpwdkarnal@gmail.com>

Date: Mon, Apr 19, 2021 at 12:18 PM

Subject: PF for the work : Provision of inter locking paver blocks on eco track from south west side of oxidation pond to near MBA/MCA Block, from main gate of STP to house No. CA-7 along the boundary wall, STP main gate to south west corner of Kalpana Chawla Girls Hostel and south west corner of the Kalpana Chawla Girls hostel to main boundary wall of the institute towards west along the main storm water drain at NIT Kurukshetra

To: <director@nitkkr.ac.in>

Dr. Satish Kumar  
Director  
NIT Kurukshetra

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19/04/21

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19/04/21

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20.04.21

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19/04/21

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The issue may be met in  
EAC for further direction.  
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20/04.

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20/04/21

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20/04/21 - 154 -





भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एस.सी.ओ.-19-20, सेक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - 23(NIT-KKR)/अधी-अभि-करनाल/2021/414-120 दिनांक 16/7/21

सेवा में,

✓ Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra-136119

विषय : Provision of inter locking paver blocks on eco track from south west side of oxidation pond to near MBA/MCA block, from main gate of STP to house No. CA-7 along the boundary wall, STP main gate to south west corner of Kalpana Chawla Girls Hostel and south west corner of the Kalpana Chawla girls hostel to main boundary wall of the Institute towards west along the main storm water drain; at N.I.T. Kurukshetra, Haryana.

महोदय,

Please find enclosed herewith a Preliminary Estimate amounting to Rs. 2,04,75,500/- for above noted work for obtaining A/A & E/S of competent authority. The necessity for preparing the estimate has been explained in history part of the estimate.

It is, therefore, requested to accord and convey the administrative approval & expenditure sanction at the earliest.

This issues with the approval of Superintending Engineer-Karnal.

Encl : As Above

सहायक अभियन्ता-करनाल (सिविल)  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वै.) के.लो.नि.वि. करनाल ।

सहायक अभियन्ता-करनाल (सिविल)

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**State: Haryana**

**Branch: B & R**

**Division: KD**

**Sub-Division: KSD**

**NAME OF WORK:**

**Provision of inter locking paver blocks on eco track from south west side of oxidation pond to near MBA/MCA block, from main gate of STP to house No. CA-7 along the boundary wall, STP main gate to south west corner of Kalpana Chawala Girls Hostel and south west corner of the Kalpana Chawala girls hostel to main boundary wall of the Institute towards west along the main storm water drain.**

<b>MAJOR HEAD</b>	<b>MINOR HEAD</b>	<b>DETAIL HEAD</b>
-------------------	-------------------	--------------------

This preliminary estimate framed by Er Ashok Kumar Assistant Engineer Kurukshetra Sub Division, processed by Executive Engineer-Karnal & further processed in the office of the Superintending Engineer Karnal for the probable cost of Rs. 2,04,75,500/- i/c 3% contingencies

**REPORT**

**History:**

This preliminary estimate amounting to Rs. 2,04,75,500/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction) vide their office letter No. CC/3506/131/983 dated 25-02-2021

**Design & Scope:**

The following provision have been made in this preliminary estimate:-

Provision of 80mm thick interlocking paver block of M-30 grade over plain cement concrete of specified grade 1:4:8 alongwith preparation and consolidation of subgradewith power road roller of 8 to 12 tonne capacity. The road will be provided with toe walls on both sides in brick work with common burnt clay FPS bricks of class designation 7.5 in cement mortar 1:6 & the top surface of toe wall will be provided with cement concrete coping in 1:1.5:3 for the below mentioned roads.

- 1 From MBA/MCA block to South East corner of oxidation pond of length 708 20M & width 3 50 mtr
- 2 South East corner of Kalpana Chawala hostel to North East corner of oxidation pond of length 265 M & width 3 50 mtr
- 3 South West corner of Kalpana Chawala hostel to STP main gate of length 214M & width 3 50 Mtr
- 4 South West corner of kalpana Chawala hostel to boundary wall along drain of length 164M & width 3 50 Mtr
- 5 STP to road on front of CA-07 of length 637 M & width 3 50 Mtr.

**Specification:**

Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed


**Obligations of the client department**

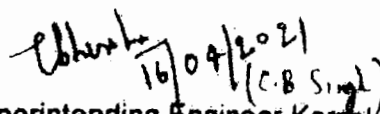
- 1 After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to Local Bodies (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
- 2 CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
  - 3 Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
  - 4 The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
  - 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 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 in addition to the payment made to the contractors for execution of work.
  - 6 The client department will help CPWD in -
    - a) Providing site for labour huts for the contractor's labour free of cost.
    - b) Providing free access to contractor's material and labour to the site of work.
    - c) Providing electricity connection for execution of work on payment of usual charges, and
    - d) Sanction and release of load from the concerned Electricity Board/Authority.

**T & P:** Shall be arranged by the contractor  
**WC Establishment:** Shall be met out of contingencies  
**Land:** Available with client department  
**Rate:** Based on DSR - 2019.  
**Method:** Through contract after call of tender  
**Time:** 09 Months (After receipt of A/A & E/S)  
**Cost:** Rs. 2,04,75,500/-

**Note:-** The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc. if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years. This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.

  
Assistant Engineer(P)  
O/o Superintending Engineer-Karnal


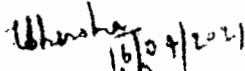
  
Superintending Engineer-Karnal  
CPWD, Karnal

**DETAILED ESTIMATE**

**Name of Work:-** Provision of inter locking paver blocks on eco track from south west side of oxidation pond to near MBA/MCA block, from main gate of STP to house (A-7 along the boundary wall, STP main gate to south west corner of Kalpana Chawala Girls Hostel and south west corner of the Kalpana Chawala girls hostel to main boundary wall of the Institute towards west along the main storm water drain.

SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	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				
1 1	2 8 1	All kinds of soil	1688	cum	252.30	425882.00
2	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	1688	cum	219.65	370769.00
3	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				
3 1	4 1 8	1:4:8 (1 Cement 4 coarse sand (zone-III) derived from natural sources 8 graded stone aggregate 40 mm nominal size derived from natural sources)	1223	cum	5789.60	7080681.00
4	4 2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing				
4 1	4 2 2	1:1½:3 (1 cement 1½ coarse sand (zone-III) derived from natural sources 3 graded stone aggregate 20 mm nominal size derived from natural sources)	63	cum	8976.45	565516.00
5	5 9	Centering and shuttering including strutting, propping etc and removal of form for				
5 1	5 9 15	Small lintels not exceeding 1.5 m clear span moulding as in cornices, window sills, string courses bands copings, bed plates, anchor blocks and the like	271	sqm	284.85	77194.00
6	6 1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in				
6 1	6 1 2	Cement mortar 1:6 (1 cement 6 coarse sand)	408	cum	6157.45	2512240.00
7	13 1	12 mm cement plaster of mix				
7 1	13 1 2	1:6 (1 cement 6 fine sand)	1013	sqm	254.25	257685.00
8	15 24	Demolishing dry brick pitching in floors drains etc including stacking of serviceable material and disposal of unserviceable material within 50 metres lead	74	cum	940.50	69597.00
9	15 6	Disposal of building rubbish / malba / similar unserviceable dismantled or waste materials by mechanical means including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead for all leads including all lifts involved	74	cum	138.85	10275.00

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SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
	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	6958	sqm	156.75	1090667.00
11	16 91	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required strength, thickness & size/ shape made by table vibratory method using PU mould laid in required colour & pattern over 50mm thick compacted bed of sand compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand complete all as per direction of Engineer-in-Charge.				
11 1	16 91 2	80 mm thick C.C paver block of M-30 grade with approved color design and pattern	6958	sqm	953.00	6630974.00
<b>TOTAL</b>					<b>(A)</b>	<b>19091360.00</b>
Add Contingencies on (A) @			3.00%			572741.00
Add EPF & ESIC on (A) @			4.25%			811382.00
<b>GRAND TOTAL</b>						<b>20475473.00</b>
					<b>Say Rs.</b>	<b>2,04,75,500/-</b>
 <b>Assistant Engineer(P)</b> <b>O/o Superintending Engineer-Karnal</b>			 <b>Superintending Engineer-Karnal</b> <b>CPWD, Karnal</b>			

Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A. Swarup, Dean (P&D)               | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWD, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

- 5 To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

*[Handwritten signatures and initials]*

committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

In B&WC Agenda;  
background/ref.  
2 Peripherals  
need to given  
4. Duration  
this in that light

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal Vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

Head to  
the mentioned  
in agenda.

*[Handwritten signatures and initials]*

10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was apprised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells alongwith the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

Faculty I/C (S&C)

Faculty I/C (E&C)

Professor- I/C (E&C)

Dean (P&D) & Chairman (EAC)

Registrar I/C

Director

Dean P&D

A.E. (Civil)

A.E. (Elect.)

Faculty I/C (EM & T)

Point no 6 may be offer for considering some economical alternate from the point of utility and environment.

Point 6 above may be kept pending as per the remarks of Faculty I/c (H&L).

Registrar Office

Dairy No. 940

Dt. 15.07.21

Please discuss.

Discussed.

The Estate Affairs Committee Minutes/Recommendations above are summarized below for consideration please.

- (a) Routine items no.: 1, 2, 10
- (b) New works for which CPWD estimates were obtained after approval of works and items - 3, 5, 6, 7, 8 and 9.

Director

Dean (P&D)

Dean (P&D)

P.I. (E&C)

Fac. I/C (E&C)

A.E. (Civil)

From P.I.

Registrar Office

Dt. 11.23

Dt. 13.08.21

D(P&D)/197  
13/8/2021

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**BWC 27.8 To consider and approve the preliminary cost estimate for the construction of Boundary wall around hostel no. 5 (towards east side along the bearer barracks and on back side from south east corner upto main gate.)**

The request received the Chief Warden (Boys Hostel) through Dean (SW) vide No. CW/DP/2021/07 dated 27.01.2021 for construction of Boundary Wall around Hostel No. 5 & 6 was put up before the Estate Affairs Committee meeting held on 29.01.21. The EAC recommended that the boundary wall may be constructed partially towards East & West side of H. No. 5 for providing safety and stopping the trespassing of that area and the CPWD may be requested to submit the cost estimate for the above said work and the same was approved by the competent authority of the Institute. After approval of the competent authority, Executive Engineer (Civil), CPWD, Karnal was intimated vide letter No. C/3506/130/982 dated 25.02.2021 to submit the cost estimate for the above said work as cited in the subject as enclosed in **Appendix XIV from page 164 to 174.**

In response to the above letter, Executive Engineer (Civil), CPWD Karnal has submitted a preliminary cost estimate amounting to Rs. 36,16,000/- vide letter No. 20(NIT)/PS/CD/2021/720 dated 9.04.2021 for the work of construction of Boundary wall around hostel No. 5 & 6 at NIT Kurukshetra. The cost estimate received from CPWD was put up before the EAC held on 13.07.2021. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 36,16,000/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval as enclosed in **Appendix XV from page 175 to 182**

The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of Rs.36,16,000/- for the work of construction of Boundary wall around hostel no. 5 (towards east side along the bearer barracks and on back side from south east corner upto main gate.)



Appendix-811

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

ESTATE SECTION

Diary No. 121...

Dated. 27.01.2021

No.CW/DP/2021/07

Dated: 27.01.2021

Subject: Regarding Boundary Wall around Hostel No. 5 & 6

This is submitted that boundary wall is available around Hostel No. 1, 2 & 3. The similar type of boundary wall is urgently required around Hostel No. 5 & 6, in order to restrict the unwanted movements, maintenance and safety of the belongings of the hostels' property. Keeping in view of the position explained as above, you are requested to kindly arrange to construct the boundary wall around Hostel No. 5 & 6. The similar type of request for construction of the boundary wall was also made in the past (copy of the same and further action is attached).

*[Signature]*  
27/01/2021  
Warden H-5

*[Signature]*  
27/01/21  
Warden H-6

*[Signature]*  
27/01/2021  
Chief Warden (Boys Hostels)

*[Signature]*  
27/01/21  
Dean (SW)  
Prof. I/L Estate

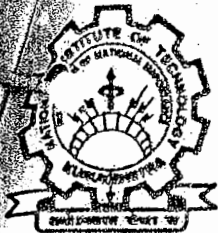
Pl put up in forthcoming EAC meeting.

*[Signature]*  
AEC

*[Signature]*  
27.01.2021

*[Signature]*  
SS(A)

*[Signature]*  
27/01/2021



# FANIBHUSHAN BHAWAN

(Hostel No. 6)

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136 119 (HARYANA)  
PHONE : 01744-238276

Ref. No. H-6/2019/122

Dated 14/11/2019

Through Chief Warden

*[Signature]*  
18-11-19

Sub: Regarding boundary wall around H-6

It is bring to your kind notice and request that there is no boundary wall around our hostel. To avoid any mishappening in the hostel, it urgently require constructing boundary wall all around.

It is therefore, requested to kindly construct the permanent boundary wall around our hostel.

*[Signature]*  
Warden 14/11/19

*[Signature]*  
DCW

Prof. I/C (Estate)

NIT, KKR, 136119

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No: CC/3506/116

Dated 17.02.2020

Subject: Regarding construction of Boundary wall around Hostel No.-6 (Fanibhushan Bhawan) at NIT, Kurukshetra.

Reference: Letter received from the Warden, Fanibhushan Bhawan (Hostel No.6) vide no. H-6/2019/122 dated 14.11.2019 through Chief Warden (Boys)

The matter regarding construction of boundary wall around Fanibhushan Bhawan (Hostel No.6) was discussed in the EAC meeting. The EAC resolved and recommended that the boundary wall towards east face only or as per site requirement of Hostel No. 5 & 6 needs to be constructed to separate the hostels and bearer barracks.

This is being issued after approval of the competent authority.

Chief Warden (Boys)

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Dean (P&D) for information please.

Subject: Minutes of the meeting of Estate Affairs Committee held on 29.01.2021 in the office of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 29.01.2021 at 12:30 PM onward in the office of Dean (P&D) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 08.01.2020  
The detailed discussion on action taken is enclosed as Annexure-I
2. To discuss the requests received from various Departments regarding provision of space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.  
The requests received from various departments regarding provision of space requirement for new building i.e. Labs, Lecture Halls, Seminar Halls, Tutorial Rooms, Faculty Rooms, Storage space, Departmental Library and other utilities i.e. washroom etc. the request for space requirement of labs & office area at par with existing workshop area, new CNC Lab and expansion of other labs were put up before the committee. The Estate Affairs Committee discussed regarding the space requirements of various departments and deliberated on the matter. After detailed discussion the EAC recommends that a multi-storeyed Academic Building is required consisting of Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room and other utilities i.e. storage and washrooms including more permissible floors etc., existing labs, new Labs, CNC lab & Office area of Workshop. The provision of space for workshops and heavy machinery labs may be made at ground floor only. Accordingly, CPWD may be requested to propose a multi-storeyed Academic Building in consultation with Chief Architect CPWD and also submit the conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for proposed multi-storeyed Academic Building.
3. To discuss the request received from HoD (Civil) vide no. CED/47 dated 09.01.2020 regarding fixing of Kota Stone on the floor in various lab of Geotechnical Section, Civil Engg. Deptt.  
This agenda item is clubbed in the Agenda item no. 5.
4. To discuss a Preliminary Cost Estimate of Rs. 2,60,94,700/- received from the office of Superintending Engineer (Civil) through Assistant Engineer (Civil), CPWD Karnal vide letter no. NIT-KKR/SEK/2020/932 dated 28.12.2020 for Covering the Open Air Theatre at NIT, Kurukshetra  
The preliminary cost estimate of Rs. 2,60,94,700/- for the work of covering the Open Air Theatre was discussed in detail & deliberated in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.
5. To discuss the Preliminary Cost Estimate of Rs. 2,84,68,412/- received from the Superintending Engineer (Civil), CPWD, Karnal vide letter no. NIT-KKR/SEK/2020/511 dated 20.08.2020 for the work of Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. at NITK

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- b) To discuss regarding ramps, walking aids & specially designed toilets etc. for PwD persons at various locations in the existing Academic Buildings.

a) Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs & transportation from one building to another including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

- b) Provision of ramps, walking aids & specially designed toilets etc. for PwD persons including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.

- The matter regarding widening of various roads between BB, BC & CB Type houses by providing cement concrete paver blocks was discussed in detail in the Estate Affairs Committee. The EAC resolved and recommended that the work may be executed from the savings of the work of widening of various roads in the Institute. CPWD may be asked to include this additional work in the A/A & E/S already conveyed for the work of widening of various roads in the Institute.

- The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the request received from the Girls Hostel through Chief Warden (Girls) may be forwarded to Dean (SW) for consideration & comments for all the hostels as per existing policy of the Institute.

- The request was discussed in detail in the EAC meeting. The EAC resolved and recommended that the proposal may be allowed subject to the condition that no extra civil works will be executed on the proposed site including permanent staircase and no extra space will be allocated for the said purpose. The installation and electrical maintenance will be taken care by the Deptt. However, the generated electrical power may be utilized by the deptt. in addition to the research/lab. HoD will ensure the safety of students and working personnel at his own risk and responsibility

- 10 The works mentioned at item no. 10,11,12,13 &14 were discussed in detail in the  
to EAC meeting. The EAC resolved & recommended that such type of items may be  
14 put up before the EAC after receiving the cost estimates from CPWD.

g. The EAC is reviewed and recommended that each type estimate may be the EAC after receiving the cost estimates from CPWD.



- 15 Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 Regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the EAC was apprised that the CPWD was intimated vide letter no. CC/3581/440/3135 dated 29/30.09.2020 & CC/3581/13/106 dated 06.01.2021 for Investigation/ Inspection of Staff Quarters regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.

In this regard the CPWD has submitted a report vide letter no. 20(NIT)PS/KC/2020/134 dated 16.01.2021 and the conclusive part of the report is reproduced below:

*"In this regard, it is hereby intimated that for detailed report a detailed technical/structural audit of the building is required from some pioneer technical institution like IIT's/NITs which perform all the destructive/non destructive testing of the building structures. CPWD does not do a structural audit as no means/testing facilities are available to perform such audit. It is, therefore, requested to get the detailed structural audit/technical audit from some external agency or it can be done by your good self also as CPWD is getting many testing of its own works from NIT Kurukshetra and only then a point-wise detailed report can be prepared".*

The EAC discussed the letter in detail. The EAC resolved & recommended that since the matter has already been taken up by a special committee duly constituted by the competent authority, this matter may be referred to the same committee for further consideration.

- 16 **Provision of shed and flooring in the Open courtyard between G-102 and boundary wall of Non-Teaching Club.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the construction of shed in the open courtyard between G-102 and boundary wall of Non-Teaching Club is not feasible due to aesthetic point of view. However, committee recommended that the flooring in the open courtyard may be provided with suitable material which is available in the Estate Store.

- 17 **Construction of Boundary Wall around Hostel No. 5 & 6.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that the boundary wall may be constructed partially towards East & West side of the safety and stopping the trespassing of that area. The CPWD may be requested to submit the cost estimate.

- 18 **Provision of dustbins, road of 6' wide on the East side of Hostel no.-5 and additional toilets in the bearer barracks.**

The matter was discussed in detail in EAC. The EAC was apprised that as per norms dustbins, road 6' wide and additional toilets have already been provided in bearer breaks. Hence EAC resolved and recommended that additional dustbins, toilets and 6' wide road would not be required. These additional dustbin will disturb the surround aesthetic.

- 19 **Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawla Girl's hostel and South West Corner of the Kalpana Chawla girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be written to CPWD for submission of cost estimate of the proposed work.

- 20 **To discuss regarding structural stability and economical repairs in the Guest House.**

The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be sent to CPWD for providing a report on structural stability & economical repairs of the Guest House.

- 21 **Provision of furniture for additional floor over the existing building of MBA/MCA Department**

- 22 **Provision of furniture for 2nd floor over Old MBA Block (New Workshop Building).**

The matter regarding provision of furniture items in additional floor over the existing building of MBA/MCA Department & 2nd floor over Old MBA Block (New Workshop Building) was discussed in detail in the EAC. The EAC resolved and recommended that firstly requirement of furniture items may be obtained from the concerned Head of Departments, so that after compilation the same may be put up in the EAC meeting.

*[Handwritten signatures and marks at the bottom of the page, including a large signature and the number -169-]*

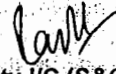
- 23 To report saving by installation of rooftop Solar Power Plant since last EAC meeting.

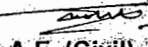
The matter regarding reporting in saving by providing a roof top solar Power Plant was discussed in the EAC Meeting. The AE(Elect.) apprised that the total saving by installation of rooftop Solar Power Plant from January-2020 to December -2020 is Rs. 60,82,769/-.

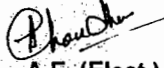
- 24 Any other item:

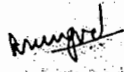
Under any other item the EAC was apprised that the existing shutters in the HT/LT Sub-Stations and metering room are deteriorating over a period of time. It was also apprised that the matter has also been explored from the local market that huge expenditure is required for their repair work. The EAC discussed the matter in detail and resolved that the existing shutters in the HT/LT Sub-Stations and metering room be replaced with suitable arrangement of these shutters at a minimum expenditure on buy back basis. The work may be executed by Estate Section.

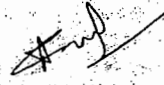
Submitted for kind consideration & approval please.

  
Faculty I/C (S&C)

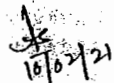
  
A.E. (Civil)

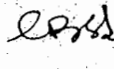
  
A.E. (Elect.)


  
Prof. I/C (E&C)


  
Faculty I/C (H&L)

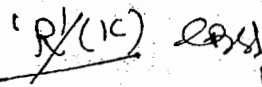
  
Faculty I/C (EM & T)

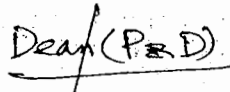
  
Dean (P&D) & Chairman (EAC)

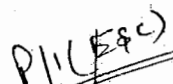
  
Registrar I/C

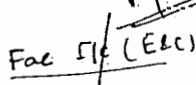
  
DIRECTOR Approved recommendations except pt. no 5 & 9.  
which needs details and deliberations.

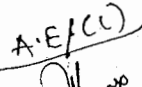
  
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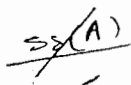
  
R/I/C

  
Dean (P&D)

  
P/I/C

  
Fac I/C (E&C)

  
A.E. (C)

  
S/A

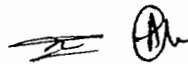


DL(P&D)/69  
10/2/2021

Registrar Office  
Dairy No 287  
Dt. 10/2/21

1.	To discuss regarding Action Taken on previous meeting was held on 08.01.2020
2.	<p>To discuss the requests received from various Departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.</p> <p>As per decision of the EAC consolidated requirements including Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room etc. and space for workshops, power backup system and heavy machinery labs at ground floor have been received from various departments/schools etc. and the same has been compiled by Estate Section.</p>
3	<p>To discuss the request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding construction of parking in Block -A</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/117 dated 17.02.2020 that the construction of parking space was not included in the original plan in the Hostel. Therefore, it is not feasible to construct parking in Block-A at present.</p>
4	<p>To discuss a letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings.</p> <p>The decision of the EAC was conveyed to Executive Engineer (Civil), CPWD vide letter no. CC/3506/119/1058 dated 17.02.2020 to prepare the comprehensive plan for the installation of roof top rain water harvesting systems in the Institute buildings by channelizing the roof top rain water. No reply is received in this office till date. Again a letter has also been sent to Executive Engineer (Civil), CPWD vide no. CC/3506/62/425 dated 27.01.2021</p>
5	<p>To discuss the request received from the Warden, Fanibhushan Bhawan (Hostel No.-6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary wall.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide letter no. CC/3506/116 dated 17.02.2020 that the boundary wall towards east face only or as per site requirement of Hostel No. 5 &amp; 6 needs to be constructed to separate the hostels and bearer barracks.</p>
6	<p>To discuss the request received from Prof. Anupam Mital, Prof.I/C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt.</p> <p>The agenda item is being discussed under the Agenda item no. 5 in this meeting.</p>
7	<p>To discuss the request received from Prof. N.P. Singh, HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 &amp; 111 of ECE Deptt.</p> <p>The above said work has been included in the preliminary cost estimate of the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education &amp; Sports Section, CAD, Physics Department, School of VLSI Design &amp; Embedded System, Central Workshop, CED and Chemistry Department etc. at</p>

	NITK with the cost estimate of Rs. 2,84,68,412/- received from the CPWD vide no.NIT-KKR/SEK/2020/511 dated 20.08.2020
8	<p>To discuss regarding various works to be putup before the B&amp;WC in its ensuing meeting that is going to be held shortly.</p> <p>The following works have been approved by B&amp;WC in its 26th meeting and are in progress.</p> <ul style="list-style-type: none"> <li>i) Provision of Internal &amp; External finishing i.e. distempering &amp; painting including minor &amp; major repair in the Boys Hostel No. 4, 5 &amp; 6.</li> <li>ii) Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture Hall Complex and MBA/MCA building.</li> <li>iii) Re-carpeting of various roads in the Institutional and Hostel areas.</li> <li>iv) Widening of various roads in the Institute.</li> <li>a) Road from Apollo Canteen to Security Check Post between Hostel No. 7 &amp; 8 along with the provision of footpath as per site requirement.</li> <li>b) Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement.</li> <li>c) Road from Junction near disposal pump to North West corner of Guest House.</li> </ul> <p><b>A/A &amp; E/S of the following works have been conveyed to CPWD</b></p> <ul style="list-style-type: none"> <li>i) Provision of access to Golden Jubilee Administrative Building by providing a gate &amp; parking shed for two wheelers along the inside boundary wall towards west.</li> <li>ii) Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.</li> </ul> <p><b>The following works are to be executed in the next financial year</b></p> <ul style="list-style-type: none"> <li>i) Finish floor tiles in the common room, dinning hall, warden office and MMCA office in the old Boys Hostel No. (1-6) and Girls Hostel No.-1.</li> <li>ii) Construction of paved road by providing interlocking paver blocks surrounding the Oxidation Ponds near STP.</li> <li>iii) Renovation/ up-gradation of Senate Hall including Civil, Electrical, Audio System and furniture works.</li> <li>iv) Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel &amp; MBA/MCA Department and road between Jubilee Hall &amp; Library including arrangement of drainage of storm water.</li> </ul>
9	<p>To discuss the request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents.</p> <p>The decision of the EAC was conveyed to Chief Warden (Boys) vide no. CC/3506/119/1058 dated 17.02.2020. No aluminium/glass partitioning for a small scale library is possible. However, if required, Hostel authority may provide aluminium/glass partitioning for a small scale library at their own level within space already available in common area.</p>
10	<p>To discuss the request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool.</p> <p>The estimate has been prepared by the Estate Section for the above said work and the same is in process to obtain the approval of the competent authority.</p>

11	<p>The following works were discussed in the previous meeting of EAC held on 08.01.2020 vide agenda item no. -11</p> <ul style="list-style-type: none"> <li>i) Construction of G+5 Building</li> <li>ii) Construction of Gymnasium Hall</li> <li>iii) Construction of Student Activity Centre (SAC)</li> <li>iv) (a) 750 capacity Single seater hostel (b) 750 capacity 2 seater hostel</li> <li>v) Construction of Community Centre</li> <li>vi) Construction of Auditorium Hall (2000 capacity)</li> </ul> <p>In this regard the decision of EAC was conveyed to CPWD to provide the Architectural drawings alongwith cost estimate. The same is still awaited from CPWD.</p>
12	<p><b>Any other item:</b></p> <p><b>a</b></p> <p>(i) The matter was discussed regarding on-going construction works being executed by CPWD. The work of renovation of ground floor and first floor including c/o lift &amp; staircase block for Old MBA Block (New Workshop Building) has been completed except rectification of defects already conveyed to CPWD.</p> <p>(ii) Providing E&amp;M services of ground floor &amp; first floor including goods lift and air conditioning system on additional floor over existing old MBA Block (New Workshop building are completed except rectification of defects already conveyed to CPWD and installation of lift is in progress.</p> <p><b>b</b></p> <p>The work of construction of Indoor Badminton Hall has been completed, final inspection has also been carried out and list of defects has been conveyed to CPWD for rectification.</p> <p><b>i</b></p> <p>The matter regarding construction of washrooms near Kurukshetra University side gate for security personnel was discussed in the EAC meeting. The EAC resolved that the washrooms be constructed near abandoned tube well no.-3, parking towards KUK main gate and sewerage line of Sports Ground be replaced as proposed in the drawing sketch. The feasibility near abandoned tube well no. -3 has been explored and observed that it is not possible.</p> <p><b>ii</b></p> <p>The matter regarding disposal of removal of furniture lying in the various departments and occupying huge space was discussed in the EAC. The Prof. I/C (E&amp;C) apprised the EAC and EAC resolved that a letter has already been written to all HoDs/Chief Warden (Girls) vide no. CC/3506/252 dated 23.04.2019 regarding dumping the damaged furniture of their department in the allocated space of Alkhanda Bhawan.</p> <p><b>iii</b></p> <p>The matter regarding increase the height of parapet wall in Hostel No. 4 &amp; 5 was discussed in the EAC. The EAC resolved that the height of parapet wall be increased as per site requirement. The work has been allotted to CPWD and is in progress.</p> <p><b>iv</b></p> <p>The decision of the EAC has been conveyed to the Electrical Maintenance Section vide letter no. CC/3506/118 dated 17.02.2020 regarding providing uninterrupted electricity supply through DG Sets installed at Electrical Sub-Stations in the Institute, during various programs of the students at various locations in the Institute.</p>



No: CC/3506/130/982

Dated 25.02.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Construction of Boundary Wall around Hostel No. 5 & 6 at NIT Kurukshetra.

The approval of the competent authority of the Institute is hereby conveyed for construction of boundary wall around Hostel No. 5 & 6 at NIT, Kurukshetra towards East & West side for the safety and stopping the trespassing of that area. In this regard, it is therefore, requested to submit the cost estimate for the above said work at the earliest, so that an early action may be taken accordingly.

This is for your information and further necessary action please.

*[Signature]*  
25.02.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Dean (P&D) for information please
3. A.E. (Civil), CPWD, NIT Camp Office
4. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO19-20, Sector-12 (Part-I), Karnal-132001
5. PS to Registrar for kind information of Registrar
6. AR to Director for kind information of the Hon'ble Director



**भारत सरकार**  
**GOVERNMENT OF INDIA**  
**केन्द्रीय लोक निर्माण विभाग**  
**CENTRAL PUBLIC WORKS DEPARTMENT**

**ESTATE SECTION**

Diary No. 396

Dated 15/4/21



कार्यालय कार्यपालक अभियंता  
केन्द्रीय लोक निर्माण विभाग,  
एन.डी.आर.आई. कैम्पस, नजदीक स्टेट बैंक आफ  
इंडिया, करनाल - 132001

Office of the Executive Engineer,  
Central Public Works Department,  
NDRI Campus, Near State Bank of India,  
Karnal-132001. E-mail : eekcd.knl.cpwd@nic.in

संख्या:- 20(NIT)/यो.शा./क.मं/2021/720

दिनांक 09/04/2021

सेवा में,

✓ Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra

Fac I/C (E&C)

A.E/Cd.  
Pl. Dr. Suresh Sharma  
16/04

**विषय : Construction of boundary wall around hostel No. 5 & 6 at NIT, Kurukshetra**

**संदर्भ :** आपका पत्र सं० CC/3506/130/982 दिनांक 25.02.2021

Discussed the matter  
may be putted in EAC  
Sharma  
22/04

महोदय,

उपरोक्त कार्य का प्रारम्भिक अनुमान जिसकी राशि 36,16,000/- रुपये है, दो प्रतियों में संलग्न किया जाता है। आपसे अनुरोध है कि अनुमान की प्रशासनिक अनुमोदन एवं व्यय स्वीकृति यथाशीघ्र प्रेषित 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 एकाउंट) का भी उल्लेख करने की कृपा करें। इस अनुमान की आवश्यकता को अनुमान की हिस्ट्री शीट में वर्णित किया गया है।

संलग्न : उपरोक्त दो प्रतियों में।

भवदीय,

Prashant  
(प्रशांत अग्रवाल) 09/04/21  
कार्यपालक अभियन्ता  
करनाल मण्डल, के.लो.नि.वि।

प्रतिलिपि :-

1. सहायक अभियंता, कुरुक्षेत्र उप-मण्डल, के.लो.नि.वि, कुरुक्षेत्र को उनके पत्र सं० 24(8)/A.E.K./2021/84 दिनांक 22.03.2021 के संदर्भ में सूचनार्थ।

P/I (E/C)

A.E/C

Sharma  
22/04/2021

कार्यपालक अभियन्ता

SS(A)

22/4/21

-175-



**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**State: Haryana**

**Branch: B & R**

**Division: KD**

**Sub-Division: KSD**

**NAME OF WORK: Construction of boundary wall around hostel No. 5 & 6 at NIT,  
Kurukshetra**

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This preliminary estimate framed by Er. Ashok Kumar, Assistant Engineer, Kurukshetra Sub Division and further processed in Karnal Division, CPWD, Karnal for the probable cost of Rs. 36,16,000/-.

**REPORT**

**History:**

This preliminary estimate amounting to Rs. 36,16,000/- i/c 5% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction) vide their office letter No. CC/3506/130/982 dated 25-02-2021. Hence this preliminary estimate has been framed for obtaining necessary A/A & E/S by the competent authority

**Design & Scope:**

**As decided in joint site visit along with AE/JE CPWD & Estate Section representative the following provision has been made in this estimate:-**

1. Dismantling of old dilapidated brick work of 40 metre.
2. Dismantling of barbed wire fencing & MS Angle of remaining length about 243.80 metre.
3. Constructing  $243.80+40 = 283.80$  metre new boundary wall with brick masonry 1:6.
4. Wall height is 1.80 metre from ground level.
5. Front face of wall will be flush pointed.
6. Back face will be plastered with cement mortar 1:4.
7. Brick pillar shall be provided @ 2.50 m centre to centre.
8. Finishing the outer surface with acrylic smooth exterior paint over exterior primer.

**Specification:**

Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate



authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.

4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.
6. The client department will help CPWD in :-
  - a) Providing site for labour huts for the contractor's labour free of cost.
  - b) Providing free access to contractor's material and labour to the site of work.
  - c) Providing electricity connection for execution of work on payment of usual charges, and
  - d) Sanction and release of load from the concerned Electricity Board/Authority.

**T & P:**

Shall be arranged by the contractor.

**WC Establishment:**

Shall be met out of contingencies.

**Land:**

Available with client department.

**Rate:**

Based on DSR – 2019.

**Method:**

Through contract after call of tender.

**Time:**

06 Months (After receipt of A/A & E/S)

**Cost:**

Rs. 36,16,000/-

**Note:-**

The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years. **This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.**

sd/-

Junior Engineer  
Kurukshetra Sub-Division  
CPWD, Kurukshetra

*[Signature]*  
9/4/21

Planning Branch  
Karnal Division  
CPWD, Karnal

sd/-

Assistant Engineer  
Kurukshetra Sub-Division  
CPWD, Kurukshetra

*[Signature]* 09/04/21

Executive Engineer  
Karnal Division  
CPWD, Karnal

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**DETAILED ESTIMATE**

Name of Work:-		Construction of boundary wall around hostel No. 5 & 6 at NIT, Kurukshetra				
SL. No.	DS. No.	Description	Qty	Unit	Rate	Amount
1	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.				
1.1	2.8.1	All kinds of soil.	443	cum	252.30	111769.00
2	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.	296	cum	219.65	65016.00
3	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 :				
3.1	4.1.10	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources: 10 graded stone aggregate 40 mm nominal size derived from natural sources).	39	cum	5520.30	215292.00
4	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing :				
4.1	4.2.2	1:1½:3 (1 cement : 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	5.3	cum	8976.45	47575.00
5	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, ifnishing and reinforcement- All work up to plinth level :				
5.1	5.1.2	1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	30	cum	7718.25	231548.00
6	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
6.1	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	85	sqm	284.85	24212.00
6.2	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	170	sqm	552.05	93849.00
6.3	5.9.15	Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	45	sqm	284.85	12818.00
7	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
7.1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	4500	kg	83.50	375750.00
8	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
8.1	6.1.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	175	cum	6157.45	1077554.00

9	6.4	Brick work 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 in all shapes and sizes in :				
9.1	13.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	42	cum	7590.45	318799.00
10	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
10.1	13.5.1	1:4 (1 cement: 4 coarse sand)	523	sqm	318.95	166811.00
11	13.16	6 mm cement plaster of mix :				
11.1	13.16.1	1:3 (1 cement : 3 fine sand)	70	sqm	227.35	15915.00
12	13.31	Pointing on brick work or brick flooring with cement mortar 1:3 (1 cement : 3 fine sand):				
12.1	13.31.1	Flush / Ruled/ Struck or weathered pointing	523	sqm	191.55	100181.00
13	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
13.1	13.46.1	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)	1120	sqm	164.70	184464.00
14	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
14.1	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1	cum	1737.45	1737.00
15	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
15.1	15.7.4	In cement mortar	20	cum	1469.90	29398.00
16	15.8	Removing mortar from bricks and cleaning bricks including stacking within a lead of 50 m (stacks of cleaned bricks shall be measured):				
16.1	15.8.3	From brick work in cement mortar	3480	1000 Nos	4880.90	16986.00
17	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:				
17.1	15.17.2	Channels, angles, tees and flats	530	kg	1.70	901.00
18	15.36	Dismantling barbed wire or flexible wire rope in fencing including making rolls and stacking within 50 metres lead.				
			100	kg	26.25	2625.00
<b>TOTAL</b>					<b>(A)</b>	<b>3093200.00</b>
		Add Contingencies on (A) @	5.00%			154660.00
		Add EPF & ESIC on (A) @	11.90%			368091.00
		<b>GRAND TOTAL</b>				<b>3615951.00</b>
					<b>Say Rs.</b>	<b>36,16,000/-</b>
		sd/			sd/-	
		<b>Junior Engineer-KKR</b>			<b>Assistant Engineer-KKR</b>	
		<i>[Signature]</i> 9/4/21			<i>[Signature]</i> 9/4/21	
		<b>Planning Branch</b>			<b>Executive Engineer</b>	
		Karnal Division			Karnal Division	
		CPWD, Karnal			CPWD, Karnal	

Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWD, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 4 To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

- 5 To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

*[Handwritten signatures and initials]*

committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

in BWC agenda;  
background/ref.  
3 Peripherals  
need to be given  
+ Ducting  
this in next EAC

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

Lead to  
be mentioned  
in agenda.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

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10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was apprised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells alongwith the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

Faculty I/C (S&C)

Faculty I/C (E&C)

Professor- I/C (E&C)

Dean (P&D) & Chairman (EAC)

Registrar I/C

Director

Deputy P&D

A.E. (Civil)

Point no 6 may be offer for considering some economical alternate from the point of Utility and environment.

Faculty I/C (H&L)

A.E. (Elect.)

Faculty I/C (EM & T)

Point 6 above may be kept pending as per the remarks of Faculty I/C (H&L).

15/7/21

15/07/21

Please discuss.

Discussed.

The Estate Affair Committee Minutes/Recommendations

above are summarized below for consideration please.

(a) Routine items no. : 1, 2, 10

(b) New Works for which CPWD estimates were obtained after after approval of works and items - 3, 5, 6, 7, 8 and 9.

Director 13/8/21

13/8/21

182-

Deputy P&D

13/08/21

13/8/21

P.I. (E&C)

Fac I/C (E&C)

13/8/21

Registrar Office

Dairy No. 940

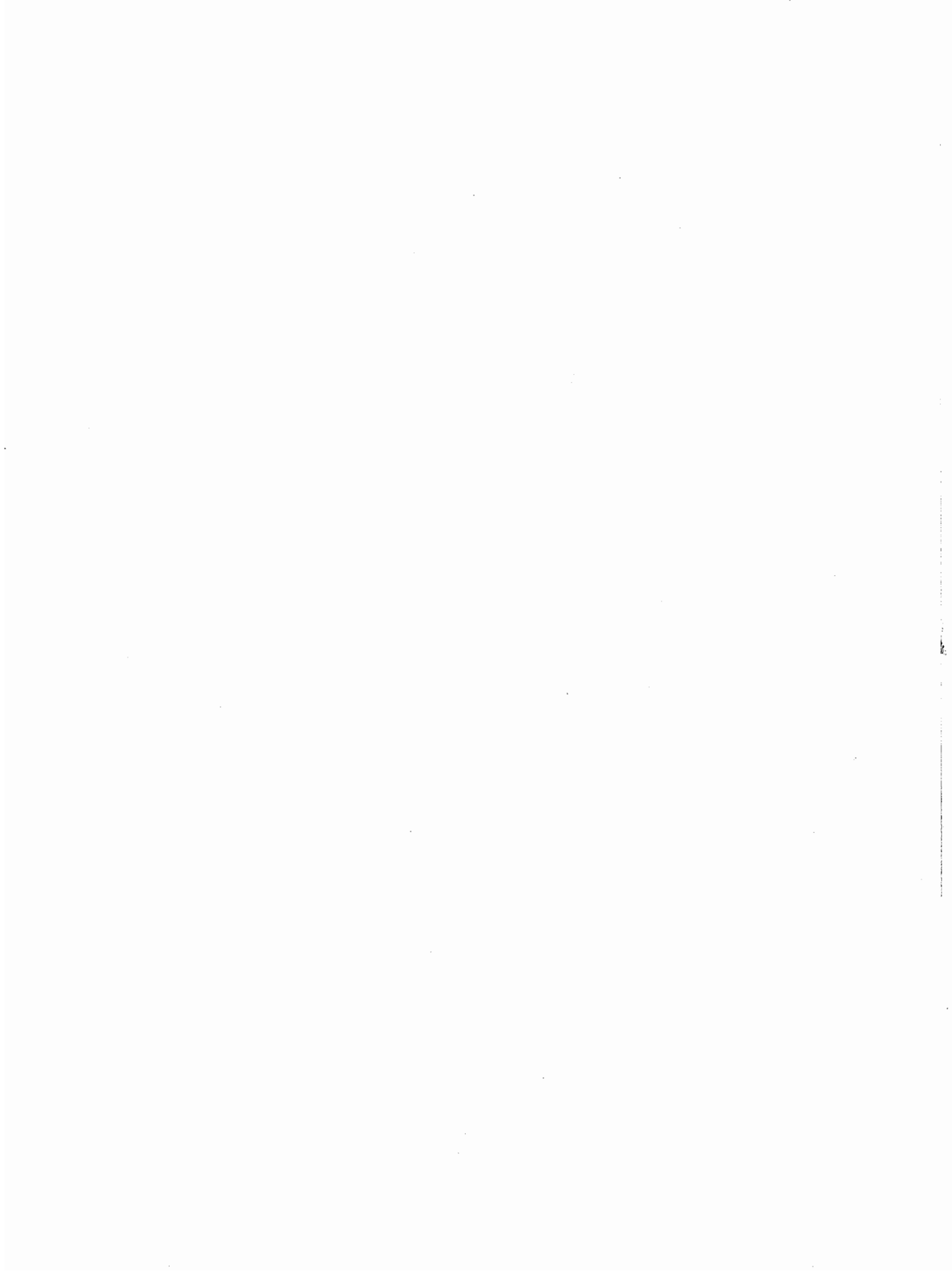
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Registrar Office

1122

13.8.21

DL(P&D)/197  
13/8/2021



**BWC 27.9** To consider and approve the preliminary cost estimate for the construction of 3 nos. synthetic Tennis Court with light facility etc. by dismantling the existing Tennis Court in the Sports Ground at NIT Kurukshetra.

The construction of Lawn Tennis Court including widening and repair of existing Lawn Tennis Courts in the Sports Complex at NIT, Kurukshetra was approved by the B&WC in its 25th meeting held on 27.05.2019 vide item No. 25.10 and subsequently approved by the FC in its 41<sup>st</sup> and BOG in its 50<sup>th</sup> meeting held on 20.06.2019. Accordingly the A/A & E/S of the work has been conveyed to CPWD vide letter No. CC/3577/625/5825 dated 04.10.2019. The work was not executed by the CPWD and again a request received from Dean (SW) on dated 20.11.2019 regarding construction of 3 nos. synthetic tennis courts with light facility as enclosed in **Appendix XVI from page 184 to 204.**

In this regard, a letter has been sent to Executive Engineer (Civil) vide No. CC/3577/866/7196 dated 30.12.2019 to submit the detailed cost estimate for construction of 3 Nos. Synthetic Tennis courts with light facility etc. The request received from the Dean (SW) was put up before the Estate Affair Committee Meeting held on 8.01.2020 as per Annexure –II point No. 15 for the approval of B&WC in its 26<sup>th</sup> meeting. The matter was also discussed in the B&WC in its 26<sup>th</sup> meeting held on 25.02.2020 vide item No. 26.2 (25.10) and decided that the revised detailed cost estimate as per DSR-2018 is awaited from CPWD. Accordingly, letters were sent to the CPWD vide No. CC/173/1329 dated 05.03.2020 and No. CC/42/279 dated 18.01.2021 to submit the revised cost estimate as enclosed in **Appendix XVII from page 295 to 213.**

In response to the above letters, Assistant Engineer (Civil), CPWD Karnal has submitted the preliminary cost estimate amounting to Rs. 2,08,12,900/- vide letter No. 23(NIT-KKR)/SE/Karnal/2021/421-H dated 19.04.2021 for the above said work. The preliminary cost estimate received from CPWD was put up before the EAC held on 13.07.2021. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,08,12,900/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval as enclosed in **Appendix XIII from page 214 to 226.**

The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of Rs. 2,08,12,900/- for the work of construction of 3 nos. synthetic Tennis Court with light facility etc. by dismantling the existing Tennis Court in the Sports Ground.







estimate with an amount of Rs. 1,11,15,900/- for repair & maintenance (re-carpeting) of roads in the Institutional and Hostel areas of the Institute as per detail furnished in the agenda item.

**BWC 25.9** To consider and approve the detailed Cost Estimate for widening of various roads in the Institute.

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

It was apprised to the BWC that the said roads were first constructed in 1970 and repaired subsequently. It was noted by the BWC that since 1970 the Institute has grown substantially in terms of physical staff & students strength and infrastructure including vehicle numbers.

The Building and Works Committee deliberated at the length and decided that during the special repairs and maintenance of the roads , the provision of footpath along the road which is necessarily required to avoid congestion due to heavy traffic, be ensured at the time of execution as per site requirement and approved the cost estimate with an amount of Rs. 2,22,99,500/- for widening of various roads in the Institute as special repairs and maintenance.

**BWC 25.10** To consider & approve the Cost Estimate for the construction of Lawn Tennis Court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra

The Building and Works Committee deliberated on the matter that the above said work covers under the special repairs. It is necessary to prevent the structure and services from deterioration and restore it back to its original conditions which was constructed about 30 years back. In view of this the Building & Works Committee approved the cost estimate with an amount of Rs. 24,93,400/- for special repair including widening of existing Lawn Tennis Court in the Sports Complex of the Institute.

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*[Signature]*

*[Signature]*  
30-05-19

*[Signature]*  
30/5/19

ESTATE SECTION (8)

Diary No. 1016.....

Dated... 22/7/19

NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA  
KURUKSHETRA-136119 Haryana

No. NITK/41<sup>st</sup> FC/ 4163

Dated: 18.07.2019

19

The Finance Committee of the Institute in its 41<sup>st</sup> meeting held on 20.06.2019 has decided as under:

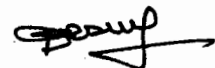
**FC.41.4 To consider and approve the minutes of the 25<sup>th</sup> meeting of Building & Works Committee, National Institute of Technology, Kurukshetra held on 27<sup>th</sup> May, 2019.**

The Finance Committee considered the recommendations made by the Building & Works Committee and recommended to the Board for its administrative approval and expenditure sanction to the works as mentioned in the agenda item.

Further, on item No. 25.13-related to construction of Indoor Badminton Hall, the Finance Committee decided that the final cost of the work should not be exceeded by 20% of the already sanctioned amount of Rs.77,20,525/-.

The Board of Governors in its 50<sup>th</sup> meeting held on 20.6.2019 has approved the above minutes of the Finance Committee.

This is for your reference, record and further necessary action in the matter.

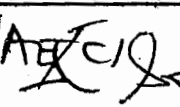


REGISTRAR


Encl: Agenda Item

Professor-in-Charge (Estate & Constructions)

Copy to:

- All Faculty Incharges / AEC /  22/07/19
1. Professor-in-Charge (Accounts)
  2. Assistant Engineer (Civil)

SA

  
22/7/19

-105-

		Junction between Cauvery Hostel & MBA/MCA Department and road between Jubilee Hall & Library including arrangement of drainage of storm water of the Institute.	
BWC 25.8	To consider and approve the detailed Cost Estimate for re-carpeting of various roads in the Institutional and Hostel areas.	The BWC noted that the repair & maintenance (re-carpeting) of the proposed roads was last carried out in 2011 about 4500 mtrs. and 2013 about 2500 mtrs. Of the total road length of about 7000 mtrs. In view of this, the Building and Works Committee approved the cost estimate with an amount of Rs. 1,11,15,900/- for repair & maintenance (re-carpeting) of roads in the Institutional and Hostel areas of the Institute as per detail furnished in the agenda item.	Repair & Maintenance Head
BWC 25.9	To consider and approve the detailed Cost Estimate for widening of various roads in the Institute. i Road from Apollo Canteen to Security Check Post between Hostel No. 7 & 8 along with the provision of footpath as per site requirement. ii Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement. iii Road from Junction near disposal pump to North West corner of Guest House.	It was apprised to the BWC that the said roads were first constructed in 1970 and repaired subsequently. It was noted by the BWC that since 1970 the Institute has grown substantially in terms of physical staff & students strength and infrastructure including vehicle numbers. The Building and Works Committee deliberated at the length and decided that during the special repairs and maintenance of the roads, the provision of footpath along the road which is necessarily required to avoid congestion due to heavy traffic, be ensured at the time of execution as per site requirement and approved the cost estimate with an amount of Rs. 2,22,99,500/- for widening of various roads in the Institute as special repairs and maintenance.	Repair & Maintenance Head
BWC 25.10	To consider & approve the Cost Estimate for the construction of Lawn Tennis	The Building and Works Committee deliberated on the matter that the above said work covers under the	Student Activity Fund



	Court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra	special repairs. It is necessary to prevent the structure and services from deterioration and restore it back to its original conditions which was constructed about 30 years back. In view of this the Building & Works Committee approved the cost estimate with an amount of Rs. 24,93,400/- for special repair including widening of existing Lawn Tennis Court in the Sports Complex of the Institute.	
BWC 25.11	To consider and approve the cost estimate for Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra	The Building and Works Committee deliberated on the matter that such type of works covers under preventive maintenance is required to be carried out to avoid occurrence of maintenance problems in the building and services. It is necessary to prevent the structure and services from deterioration and restore back in its original condition. In view of the above after detailed discussion the Building and Works Committee approved the cost estimate with an amount of Rs. 21,96,000/- for special repair of Water Proofing Treatment of Cafeteria in Open Air Theatre of the Institute.	Student Activity Fund
BWC 25.12	To consider and approve the cost estimate for the repair work including Civil, Electrical and Audio System works in the Jubilee Hall & Senate Hall at NIT, Kurukshetra.	It was apprised to the Building & Works Committee that the Jubilee Hall and Senate Hall were constructed in the year 1990s and 2002 respectively. It was also apprised that the last special repair of Jubilee Hall was carried out in 2004. The Committee has also taken notes of the fact that the total student intake per year was about 1500 in 2004 and has been increase to 3500 in 2008-09. Further, at present the total strength of the students in the Institute is more than 5000.	Repair & Maintenance Head

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

No./CC/3577/625/5825

Dated 04.10.2019

To

The Executive Engineer (Civil),  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

**Subject: Administrative Approval & Expenditure Sanction for the Construction of Lawn Tennis court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra**

**Reference:** MoU dated 20.12.2012 and approval of the Hon'ble Director on dated 03.10.2019

In view of the approval of Competent Authority, the administrative approval and expenditure sanction is hereby conveyed for the work as cited in the subject with the cost estimate as under:

Sr. No.	Name of Work	Cost of Work
1	Construction of Lawn Tennis court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra	Rs. 24,93,400/- (Rupees Twenty four lacs ninety three thousand four hundred only).

It is important to note that CPWD will provide the detailed cost estimate (DNIT) along with detailed architectural drawings for approval from the competent authority of the Institute before calling the tender.

Further, it is also important to note that the above said work must be completed by 31.03.2020 positively alongwith submission of a copy of final bill in the Institute.

This is being issued with the approval of the competent authority.

  
Prof. I/C (Estate & Construction)

Copy to:

1. Dean (P&D)
2. Faculty I/C (EM&T)
3. Prof. I/C (Accounts) NITK
4. A.E. (Civil), NITK
5. J.E. (Civil), NITK
6. SS to Registrar for kind information of Registrar
7. SS to Director for kind information of the Hon'ble Director
8. A.E. (Civil), CPWD NIT Camp Office
9. The Executive Engineer (Elect), CPWD, 208-D, HSIIDC, Sector-3, Karnal-132001
10. The Superintending Engineer (Civil), CPWD NDRI Campus, Near State Bank of India, Karnal-132001
11. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9-A, Chandigarh

NP/1

**Subject: Administrative Approval & Expenditure Sanction for construction of various works at NIT, Kurukshetra**

The following works duly approved by Building & Works Committee in its 25<sup>th</sup> meeting held on 27.05.2019 vide item nos. 25.4, 25.5, 25.6, 25.7, 25.8, 25.9, 25.10 and 25.11, subsequently these works were approved by Finance Committee (FC) in its 41<sup>st</sup> meeting held on 20.06.2019 vide item no. 41.4 and Board of Governors (BOG) in its 50<sup>th</sup> meeting held on 20.06.2019. The BOG accorded the Administrative Approval and Expenditure Sanction for the below mentioned works. A copy of decision of the B&WC, FC & BOG is placed in the file for kind perusal.

Sr. No.	Name of Works	Estimated Cost (In Rs.)	Funding Head	B&WC Item No.
1	Re-carpeting of various roads in the Institutional and Hostel areas	1,11,15,900.00	Repair & Maintenance Head	25.8
2	Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel & MBA/MCA Department and road between Jubilee Hall & Library including arrangement of drainage of storm water at NIT, Kurukshetra.	87,13,400.00	IRG	25.7
3	Widening of various roads in the Institute. i Road from Apollo Canteen to Security Check Post between Hostel No. 7 & 8 along with the provision of footpath as per site requirement. ii Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement. iii Road from Junction near disposal pump to North West corner of Guest House	2,22,99,500.00	Repair & Maintenance Head	25.9
4	Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture hall Complex and MBA/MCA building at NIT, Kurukshetra	74,13,100.00	MCA (Self Finance Course)	25.5
5	Provision of Internal & External finishing i.e. distemping & painting in the Boys Hostels 1 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT type houses. (i) Cost Estimate for provision of Internal & External finishing i.e. distemping & painting in all Boys & Girls Hostel Rs. 7,73,80,903.00 (Rs. 11,07,24,672.00 - 3,33,43,769.00) (Excluding Residences & BT/CT type houses)	7,73,80,903.00 25.6 11,07,24,672.00 3,33,43,769.00	Seat Rent for Boys & Girls Hostels.	25.4 (i)
6	Design of treated water supply line from STP to dual flushing system in 600 seater girls hostel, 300 seater multipurpose boys hostel and for horticulture purpose in the campus	1,01,24,100.00	Plan Grant (as already approved by FC/BOG)	25.6
7	Construction of Lawn Tennis court including widening and repair of existing Lawn Tennis Court in the Sports Complex at NIT, Kurukshetra	24,93,400.00	Student Activity Fund	25.10
8	Water Proofing Treatment of Cafeteria in Open Air Theatre at NIT, Kurukshetra	21,96,000.00	Student Activity Fund	25.11
<b>Total</b>		<b>14,17,36,303.00</b>		

In view of the above, if agreed, the Hon'ble Director may accord Administrative Approval & Expenditure Sanction for an amount of Rs. 14,17,36,303/- (Rupees Fourteen crores seventeen lacs thirty six thousand three hundred three only) for the above said works. The approval may also be accorded to communicate the A/A & E/S to Executive Engineer (Civil), CPWD, Karnal for execution after ascertaining the availability of funds from Account Section.

Submitted for approval please

*[Signature]*  
J.E. (Civil)  
26/8/19

*[Signature]*  
J.E. (Elect.)  
26/8/19

*[Signature]*  
Senior Accountant  
26/8/19

11/10/19  
AR (Accounts)  
Prof in charge (Acct) [Signature]  
Registrar [Signature]  
01/10/19

Director [Signature]  
3/10/19

R' Prof [Signature] (F&C)  
[Signature] (Acct)  
03/10/19

SA [Signature]  
04/10/19  
Issue to AA & ES except at SR NO 52 at SR NO 5  
only for totals NO. 4, 5 & 6. [Signature]  
04.10.19

Registrar Office  
Dairy No. 3296  
Dt. 01.10.19



To  
Professor, In-Charge  
Physical Education and Sports Department  
NIT Kurukshetra

Agd / A-5

20.11.19

Dated: 14<sup>th</sup> November, 2019

Subject: Request for the construction of 3 SYNTHETIC TENNIS COURTS with  
LIGHT facility.

The matter is requested to be discussed  
in EAC.

Respected Sir,

Prof HCEAC

21/11/19

I, Himank Chawla, captain Lawn Tennis on behalf of the entire team would like to bring to your attention the condition of facilities for lawn tennis in the institute. There are around 1000 students who come to the ground for Physical Education and Sports, which is being conducted without the facility of Tennis Courts. The increasing interest of students to learn and pursue this sport has been observed. Their interest and passion towards this sport are not well acknowledged due to poor infrastructure for TENNIS in our college. Construction of SYNTHETIC TENNIS COURT would also lead to betterment of the Tennis team of our college to improve their skills and bring laurels to the college by performing better at various tournaments outside NIT-Kurukshetra. The current facility includes 1 cemented court in unplayable condition for the past 3 years. We request you to have 3 synthetic courts constructed as per International Tennis Federation (ITF) standards with lightening system as per the specifications.

Thanking you for the same

H. Chawla

Himank Chawla  
11710003  
+91 9216815590  
Captain, Lawn Tennis

Forwarded.  
15/11/19

SAS officers

Recommended for n/a pl.

~~Prof Incharge (State)~~

15/11/19

Dean (S & W) 19/11/19

Prof / EC for  
11/11/19

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# Specifications as per ITF Category 4 -Medium-Fast

## 1. BASE WORK FOR TENNIS COURT:

- Earth work in excavation over area 9" depth.
- Providing and laying anti-termite treatment for the entire area.
- Supplying Spreading and Leveling stone Blast for WBM thickness 3" after Compacting and consolidate by watering and powered steel wheel tandem Roller.
- Supplying Spreading good earth mixing with mohrumm/soil for water bound consolidated and compacting by watering & rolling with powered steel wheel tandem roller.
- Supplying Spreading & leveling stone aggregate 40/63 for WBM thickness 3" after compacting and leveling consolidated by watering & rolling with powered steel wheel tandem roller.
- Supplying, Spreading good earth mixing with mohrumm/soil for water bound consolidated and compacting by watering and rolling with powered steel Wheel tandem roller

## 2 Asphalting Leveling

- Bitumen emulsion with operated by main power the grade of bitumen shall be 80/100 grade including all complete at all heights and leads, as per site.
- Providing and laying bitumen tack coat: previous layer should be cleaned with operated by main power the grade of bitumen shall be 80/100 or 60/70 grade including all complete at all heights and leads, as per Site.
- Providing and laying a intermediate / leveling course of aggregate size of 15mm to 19mm with bitumen premix layer the grade of bitumen shall be 80/100 or 60/70 grade thickness 30mm to 40mm after compacting by roller with power steel wheel tandem roller all complete at all heights and leads, as per site.
- Providing and laying bitumen tack coat: previous layer should be cleaned and spraying the bitumen emulsion with operated by main power the grade of bitumen shall be 80/100 grade including all complete at all heights and leads, as per site
- Providing and laying a intermediate / leveling course of aggregate size of 6mm to 10mm with bitumen premix layer the great of bitumen shall be 80/100 grade thickness 15mm to 20mm after compacting by roller with power steel wheel tandem roller all complete at all heights and leads, as per site
- Providing and laying seal coat with stone dust including minimum bitumen mix the bitumen grade shall be 80/100 grade compacting by roller with power steel wheel tandem roller all complete at all heights and leads as per site.

## 3. One Side Drain

- Providing and laying cement concrete 1:2:4 (1: cement: 2 core sand: 4 stone graded) for drain with sloping.

## 4. Support wall

- Dimension of wall:- 0'-9"x 1'-0" for one court
  - Brick work with 1st class brick cement 1:4 (1: cement:4 core sand.)
- Providing and laying plaster 12mm with cement mortar 1: 4(1 cement : 4 core sand)

## 5. 8 Layers Acrylic System

SUPPLY AND APPLY OF ITF APPROVED ALL WEATHER PROOF ACRYLIC SYNTHETIC EIGHT LAYERS FLOORING SYSTEM FOR TENNIS COURT.

- One Layer of Filler Course: - Providing and laying one layer of acrylic resurfacer blended with silica sand.
- Five Layers of Cushion Course:-Providing and laying five layers of smooth cushioned finish in preparation for the texture and finish courses.
- One Layer of Texture Color Coat: - Providing and laying one coat of color provides a uniform surface texture.
- One Layer of Finish Color Coat: -Providing and laying one coat of color will create a durable finish highly resistant to all weather and ultraviolet degradation.
- Game Line Marking: - Providing and laying of game line marking as per standard.

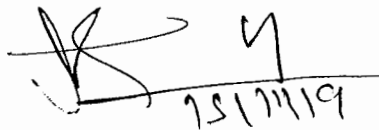
LIGHTING: -

Poles

- a) 20' above ground, 4' below ground level (8 Poles)
- b) 10 gauge MS
- c) 2" Square Pipe frame on each pole to accommodate 2 lights each.
- d) Grouting (2'dia & 4'deep foundation PCC 1:3:6) primer & painting
- e) LED Lights 2 lights per pole. ( 16 Lights , 8 Poles)

Wiring

- 1. MCB 63 amp: 8 nos
- 2. 4 MCB Boxes housed in the PCC as per Chandigarh patterns one on each pole.
- 3. Wiring (1.5mm) between 2 pairs of poles, each side & wiring from base to lights.



## Vanaspati Enterprises

Ref. VE/2019/1019

Dated : 07.11.2019

Kind Attn: Mr. Himank Chawla  
Kurukshetra, Haryana  
Email : himankchawla9699@gmail.com  
Mob.: +91-9216815590

Dear Sir,

### Sub.: Construction of Tennis Court

We wish to thank you for giving us the opportunity to quote of Construction of Tennis Court for your project at Kurukshetra. Kindly refer discussion, we are forwarding you our estimate as follows:

#### Price Schedule (Area: 7200x3=21600 Sft.)

Sl. No.	Description	Unit	Rate (Rs.)	Value (Rs.)
1	<b>Civil Work of Asphalt base</b> (WBM -6", Asphaltting - 2") <b>EDGE Wall : Height approx 1 feet from bottom to top, width 9" &amp; Open Saucer Drain</b>  <b><u>Note: Rate excludes for extra excavation or Mitty Filling, etc. Foundation cost will be charged extra</u></b>	21600 Sft.	80	17,28,000
2	<b>Laying of 8 layers Acrylic Flooring</b> 2 layers - Re-surface material, 4 layers - Rubber Cushion, 2 layers - Color Coat & White line marking	21600 Sft	60	12,96,000
3	<b>Fixed Lawn Tennis Post with Net (3")</b> (made in pipe, to be fixed in ground)	3 Pair	15,000	45,000
4	<b>Chain Link Fencing, Height 10 Feet all around (3600x3)</b> (2" x 2" GI Chain Link Jali -10 gauge, All Vertical pipes are 50 NB & 12 gauge, All Horizontal pipes are 40 NB & 14 gauge)	10800 Sft.	100	10,80,000
5	<b>Floodlights (4x20 Ft. Pole) with fittings</b>	3 court	1,25,000	3,75,000
		<b>Sub Total == &gt;</b>		45,24,000
		<b>GST @ 18% == &gt;</b>		8,14,320
		<b>Sub Total == &gt;</b>		53,38,320

#### TERMS & CONDITIONS:

This amount is including Material with installation but exclusive of Freight & GST @ 18% (under work contract) extra.

Flat no. 9, J-22, Rama Park Road, Near Dwarka Mor Metro Station, New Delhi - 110 059  
E-mail : [vanaspati.enterprises@gmail.com](mailto:vanaspati.enterprises@gmail.com) / [vanaspati.enterprises@rediffmail.com](mailto:vanaspati.enterprises@rediffmail.com)  
Mobile : 9911167644, 9718822020  
Branch Office : Kolkata & Bangaluru

## Vanaspati Enterprises

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**Delivery Lead Time :** 30 days from the Purchase order (PO) and 100% advance received.

**Payments Terms:** 70% advance along with Purchase Order, 30% at the time of Despatch

**Transportation Cost:** As per the actual given by the client before despatch.

**RTGS Detail :** VANASPATI ENTERPRISES, Bank's Name : Andhra Bank,  
A/C No. 254511100001477, RTGS/NEFT : ANDB0002545,  
Branch : Plot No. 9 & 10, Ramia Park, Main Nazafgarh Road,  
Near Dwarka Mor Metro Station, New Delhi - 110059

We hope our offer will meet your requirement and looking forward to receive your valuable order. For further clarifications feel free to contact undersigned.

Thanking you and looking forward to hear from you.

Yours faithfully,  
**For Vanaspati Enterprises**

Animesh Biswas

Cell: 09911167644, 9718822020

| E-mail: [vanaspati.enterprises@gmail.com](mailto:vanaspati.enterprises@gmail.com) | [vanaspati.enterprises@rediffmail.com](mailto:vanaspati.enterprises@rediffmail.com) |

**Area : Subject to actual measurement. Final Invoicing will be done as per actual measurements & any wastage involved will be considered in the final measurements.**

**PS: We will be able to depute our construction team subject to availability after receipt of payment.**

**NOTE: NO DEDUCTION WILL BE MADE EXCEPT TDS AS PER INCOME TAX RULE. ANY OTHER CHARGES SUCH AS PF CHARGES, ESIS CHARGES SHALL BE BORNE BY YOU AND WILL NOT BE DEDUCTED FROM OUR BILL AMOUNT.**

### **CONDITIONS OF EXECUTION:**

- 1) Working time of our people will not be restricted and no interfere during the work.**
- 2) All the water and electricity consumption at project site shall be provided as free of cost to us.**
- 3) Suitable storeroom under our lock and key near the court shall be made available to us from beginning to finish of the contract.**
- 4) Should delivery to the Buyer be prevented or delayed by act of God, war, civil commotion, government order, strikes, lock-outs, fires, accident, shortage of labor, materials, fuel, power or transport, or any other force majeure or other cause whatsoever beyond our control, it shall be entitled to an extension of time for delivery until the operation of the cause preventing or delaying the same has ceased.**

---

Flat no. 9, J-22, Rama Park Road, Near Dwarka Mor Metro Station, New Delhi - 110 059

E-mail : [vanaspati.enterprises@gmail.com](mailto:vanaspati.enterprises@gmail.com) / [vanaspati.enterprises@rediffmail.com](mailto:vanaspati.enterprises@rediffmail.com)

Mobile : 9911167644, 9718822020

Branch Office : Kolkata & Bangaluru

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## Vanaspati Enterprises

- 5) Goods once sold will not be taken back.
- 6) If additional area work done will be charge applicable as extra.
- 7) Unloading of the material to be carried by client.
- 8) Boarding & Lodging of installation team shall be provided by client at site or to be paid by the client and provided for in a nearby location to the site.
- 9) All excess material and empty cartoons/boxes will be our property and we have the right to take it back.
- 10) If site is not ready for installation when our construction team arrives at the site, idling charges of Rs.1000/- (plus taxes as applicable) per man days will be chargeable to client.
- 11) All transactions are subject to Delhi Jurisdiction.

**VALIDITY:** This quotation will be valid for acceptance of 30 days from the date hereof.

### Our most Valuable Clients:

Name of Organisation	Details	Place
Indian Cricket Club	Wooden Decking, Outdoor Sitting Furniture	Mumbai
Omaxe Group	Squash Court, Wooden Flooring, Basketball court	Noida
Unitech Group	Squash Court, Wooden Doors	Gurgaon
ATS Group	Squash Court	Noida
Indiabulls Infrastructure	Squash Court	Gurgaon
Eastern Coalfield Ltd	Basketball court & Tennis court	Asansol, West Bengal
South Eastern Coalfield Ltd	Tennis court	Bilaspur, Chhattisgarh
Delhi Public School	Squash Court, Badminton Court	Gurgaon
Indian Railways	Badminton Court	Balengir-Odisha & Lumding-Assam
Indian Air Force	Squash Court, Badminton Court	New Delhi, Siliguri
Indian Army	Badminton, Football Court	Hissar & Panaragh
C.R.P.F.	Tennis Court	Ranchi
Arwachin Bharti School	Badminton, Basketball, Volleyball, Football Court,	New Delhi & Ghaziabad
Gopalan Atlantis	Badminton, Squash Court	Bangaluru
Moser Bear Power Ltd.	Badminton, Tennis Court	Anuppur, M.P.
Indo Tibetan BSF Academy	Tennis, Basketball, Football Court	Mussorie, Uttrakhand
NIMS, Dehradun	Squash Court, Badminton Court	Jolly Grant, Dehradun
Sri Sri Ravi Shankar Vidya Mandir	Basketball Court	Bangaluru
Mfar Construction	Basketball, Tennis Court	Bangaluru

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Mobile : 9911167644, 9718822020

Branch Office : Kolkata & Bangaluru



# UNIQUE SPORTS FLOORING SYSTEMS

C-43, Durgapuri, 4-C-Scheme, Macheda, VKIA, Jaipur-302013 (Raj.)

E-Mail: [uniquesportsflooring@gmail.com](mailto:uniquesportsflooring@gmail.com) | website: [www.uniquesportsflooring.com](http://www.uniquesportsflooring.com)

An ISO 9001 : 2008 Certified Company

TEL :- 0141-2178545

Ref. No. USFS/19-20/567

Date: 07/11/2019

To,

The Director,  
National Institute of Technology,  
Kurukshetra (Haryana)

**Subject:- For Providing And laying Tennis Court Acrylic Synthetic Sports Surface with Sub-base**

Dear Sir,

This has reference to above subject we are thankful for considering our products towards your esteemed requirement of tennis court flooring. We are here to submit suitable offer for the same as following:

## Estimated Rate

Sr. No.	Description	Area (Sq.ft.)	Rate (per sq.ft.)	Amount (INR)
1.	<b>1. <u>UNIQUE SPORTS BASE WORK FOR TENNIS COURT:</u></b> a. Earth work in excavation over area 9" depth. b. Providing and laying anti -termite treatment for the entire area. c. Supplying Spreading and Leveling stone Blast for WBM thickness 3" after Compacting and consolidate by watering and powered steal wheel tandem Roller. d. Supplying Spreading good earth mixing with mohrumm/soil for water bound consolidated and compacting by watering & rolling with powered steel wheel tandem roller. e. Supplying Spreading & leveling stone aggregate 40/63 for WBM thickness 3" after compacting and leveling consolidated by watering & rolling with powered steel wheel tandem roller. f. Supplying, Spreading good earth mixing with mohrumm/soil for water bound consolidated and compacting by watering and rolling with powered steel Wheel tandem roller <b>2 <u>Asphalting Leveling</u></b> a. Bitumen emulsion with operated by main power the grade of bitumen shall be 80/100 grade including all complete at all heights and leads, as per site. b. Providing and laying bitumen tack coat: previous layer should be cleaned with operated by main power the grade of bitumen shall be 80/100 or 60/70 grade including all complete at all heights and leads, as per Site. c. Providing and laying a intermediate / leveling course of aggregate size of 15mm to 19mm with bitumen premix layer the great of bitumen shall be 80/100 or 60/70 grade thickness	7200 (120x60)	95	6,84,000

DEALS IN :- All Kind of Indoor & Outdoor Sports Flooring

\* Badminton Court \* Tennis Court \* Lawn Baskttball Court \* Squash Court \* Tennis Court \* Multipurpose Court

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# UNIQUE SPORTS FLOORING SYSTEMS

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An ISO 9001 : 2008 Certified Company

TEL :- 0141-2178545

	<p>30mm to 40mm after compacting by roller with power steel wheel tandem roller all complete at all heights and leads, as per site.</p> <p>d. Providing and laying bitumen tack coat: previous layer should be cleaned and spraying the bitumen emulsion with operated by main power the grade of bitumen shall be 80/100 grade including all complete at all heights and leads, as per site</p> <p>e. Providing and laying a intermediate / leveling, course of aggregate size of 6mm to 10mm with bitumen premix layer the great of bitumen shall be 80/100 grade thickness 15mm to 20mm after compacting by roller with power steel wheel tandem roller all complete at all heights and leads, as per site</p> <p>f. Providing and laying seal coat with stone dust including minimum bitumen mix the bitumen grade shall be 80/100 grade compacting by roller with power steel wheel tandem roller all complete at all heights and leads as per site.</p> <p>3. <b><u>One Side Drain</u></b></p> <p>a. Providing and laying cement concrete 1:2:4 (1: cement: 2 core sand: 4 stone graded) for drain with sloping.</p> <p>4. <b><u>Support wall</u></b></p> <p>a. <b>Dimension of wall:- 0'-9"x 1'-0" for one court</b></p> <p>b. Brick work with 1<sup>st</sup> class brick cement 1:4 (1: cement:4 core sand.)</p> <p>Providing and laying plaster 12mm with cement mortar 1: 4(1 cement : 4 core sand)</p>			
2.	<p><b><u>Option: (8 Layers Acrylic System)</u></b></p> <p><b>SUPPLY AND APPLY OF ITF APROVED UNCIA ALL WEATHER PROOF ACRYLIC SYNTHETIC EIGHT LAYERS FLOORING SYSTEM FOR TENNIS COURT.</b></p> <p><b>(BRAND-UNICA, MADE IN EUROPE)</b></p> <p>➤ <b><u>One Layer of Filler Course:-</u></b> Providing and laying one layer of acrylic resurfacer blended with silica sand.</p> <p>➤ <b><u>Five Layers of Cushion Course:-</u></b>Providing and laying five layers of smooth cushioned finish in preparation for the texture and finish courses.</p> <p>➤ <b><u>One Layer of Texture Color Coat:-</u></b> Providing and laying one</p>	7200 (120x60)	58	4,17,600

DEALS IN :- All Kind of Indoor & Outdoor Sports Flooring

\* Badminton Court \* Tennis Court \* Lawn Basektball Court \* Squash Court \* Tennis Court \* Multipurpose Court

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# UNIQUE SPORTS FLOORING SYSTEMS

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An ISO 9001 : 2008 Certified Company

TEL :- 0141-2178545

	coat of color provides a uniform surface texture. ➤ <b>One Layer of Finish Color Coat:</b> -Providing and laying one coat of color will create a durable finish highly resistant to all weather and ultraviolet degradation. ➤ <b>Game Line Marking:</b> - Providing and laying of game line marking as per standard.			
	<b>Total</b>			<b>11,01,600</b>
	<b>IGST@ 18%</b>			<b>1,98,288</b>
	<b>Grand Total</b>			<b>12,99,888</b>

Amount in word: Twelve Lac Ninety Nine Thousand Eight Hundred Eighty Eight Only.

## Terms & conditions:-

1. Validity of the quotation is for 60 Days only.
2. Amount will be charge according to actual measurement quantity after completion of work
3. Electricity and water to be provided by client.
4. **Work Schedule:-** Work will completed within 60-75 days after received your confirmed order with advance.
5. Appropriate accommodation facility for team during tenure of the work will be provided by client.
6. **Payment :**  
50 % Advance with the work order.  
20 % On delivery of material at site.  
20% as per running work.  
10 % On completion of the work.

We hope you would find the above to your satisfaction. We look forward to your valued orders. An early action would be highly appreciated.

**FOR ANY QUERY PLEASE FEEL FREE TO REVERT TOWARDS US.**

Thanking You,

## Unique Sports Flooring Systems

Shyam Charan

Mob: 9829325833

E- mail- [uniquesportsflooring@gmail.com](mailto:uniquesportsflooring@gmail.com)

Website - [www.uniquesportsflooring.com](http://www.uniquesportsflooring.com)

DEALS IN : - All Kind of Indoor & Outdoor Sports Flooring

\* Badminton Court \* Tennis Court \* Lawn Basektball Court \* Squash Court \* Tennis Court \* Multipurpose Court

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# HARSHITA INFRASTRUCTURE

*Sports Flooring & Equipments*

HI/CHD/304-19-20

Date: - 09/11/2019

To,

The Director,  
NIT Kurukshetra. (HR)

**Sub: Your requirement of Tennis Court**

We are happy to learn about your plans for Constructing Tennis Court and we take this opportunity to introduce ourselves as the sports flooring company of Indoor and Outdoor sports Surfaces. We always offered a Variety of Services Product Giving you a One Stop Shop to Choose Your Products. Your Sports Flooring Performs Dependent on Choosing the Right Product and Ensuring Installation and Maintenance is done Properly.

Harshita Infrastructure has partnered with leading Sports Surface manufacturers across the world to bring world class solutions right here in India.

We are enclosing our Offer for your kind perusal and look forward to an opportunity to present our credentials in person.

Thanking you,

Sincerely,

**HARSHITA INFRASTRUCTURE** sports flooring & equipments

**D K Rana**

**Authorized Signatory**



### Tennis Court

One Tennis Court = 7200 Sqft so 3 Tennis Court = 21600 Sqft

SNO	Work to be Executed	Area in Sq ft	Rate in Sq ft	Amount
1.	<b><u>(A).Base Surface (Asphalt)</u></b> A typical asphalt base consists of a 8" thick pavement which consists of: - Excavation to a depth between 3-4 inches to remove all weeds and grass from its roots. Compaction of the sub-base will be by heavy roller. Carry out anti termite and weedicide on the total area Layer of 3" water bound macadam with stone of size 63-40mm gauge. Lay a 25mm thick hot mix BM course Lay a 15mm thick hot mix A.C course. Seal coat with stone dust. <b><u>Toe Wall and Drain</u></b>	21,600 Sq ft	<del>75</del> 72 Rs/s q ft	16, 20,000
2.	<b><u>8 layer system</u></b> <b><u>FlexFloor Ex-Cushion SYSTEM-8 LAYER System over the Asphalt surface</u></b> 1 Layer of Re-surfacer . 5 Layer of Synthetic Cushion court 2 Layer of concentrated Elastoturf acrylic resins to be mixed with quartz sand to create ready to apply Elastoturf precoat color. AND 1 coat of white stripping paint for game line marking , <b>Approved By ITF (International Tennis Federation )</b>	21,600 Sqft	<del>60</del> 56 Rs/Sqft	12, 96,000
3.	<b><u>LIGHTING:-</u></b> <b><u>Poles</u></b> a) 20' above ground, 4' below ground level.(8 Poles) b) 10 gauge MS c) 2" Square Pipe frame on each pole to accommodate 2 lights each. d) Grouting (2'dia & 4'deep foundation PCC 1:3:6) primer & painting e) LED Lights			3,76,000.00



# HARSHITA INFRASTRUCTURE

*Sports Flooring & Equipments*

	2 lights per pole. ( 16 Lights ,8 Poles) <b>Wiring</b> 1. MCB 63 amp: 8 nos 2. 4 MCB Boxes housed in the PCC as per Chandigarh patterns one on each pole. 3. Wiring (1.5mm) between 2 pairs of poles, each side & wiring from base to lights. Note: Client to provide a connection point on one side of court.			
			Total	32, 92,000
	GST will be Extra @ 18 %			5, 92,560
Total Amount				38,84,560

Installation Include,

Freight Charges Include.

**Payment Terms**

60% Advance with purchase order

30% against delivery of material at site

10% after completion of work

**Terms & conditions:**

Material Purchase order and payments to be made in favor of "Harshita Infrastructure".

**Harshita Infrastructure**

**Bank Name:** ICICI Bank

**Branch :** K-1, Senior Mall, Sector-18, Noida, UP.

**A/c No :** 003105034823

**IFSC :** ICIC0000031

**GST No: - 09ANSPR8538H1Z2**

All Taxes as applicable, kindly provide road permit form for material dispatch

Octroi, or Entry tax shall be charged extra if applicable.

The measurements are taken from the drawing and are subject to change during actual work done at site

Re-working, material damage by other agencies will be charged extra as applicable.

**Delivery condition - Subjected to Confirmation of Stocks**

Delivery within 2 weeks after Confirmation of P.O. & Advance Payment.



# HARSHITA INFRASTRUCTURE

*Sports Flooring & Equipments*

## Buyers scope of work

- 1 Buyer responsibility to provide us with clear site to carry out installation job, without Interference from other agencies.
- 2 All the Electrical,Painting,Carpentring work required to be done before our work by the client.
- 3 It is buyers responsibility to provide Electricity and Drinking Water free of charge at site.
- 4 It is buyers responsibility to keep goods in a safe and secure place  
It is buyers responsibility to prepare sub base in 0-0 levels before the start of installation and must be moisture free.
- 5 moisture free.
- 6 In the presence of any undulations in the floor surface, we strongly recommend self-leveling compound to apply to achieve a leveled floor.
- 7 The above offer does not include cost of any sub base preparation, correction or allied civil work.

We are always eager to wait for a positive response from your side. If you need any further assistance or if there are any doubts, please feel free to contact us.

Thanking you and assuring the best of services at all times.

For HARSHITA INFRASTRUCTURE sports flooring & equipments

**D K Rana**

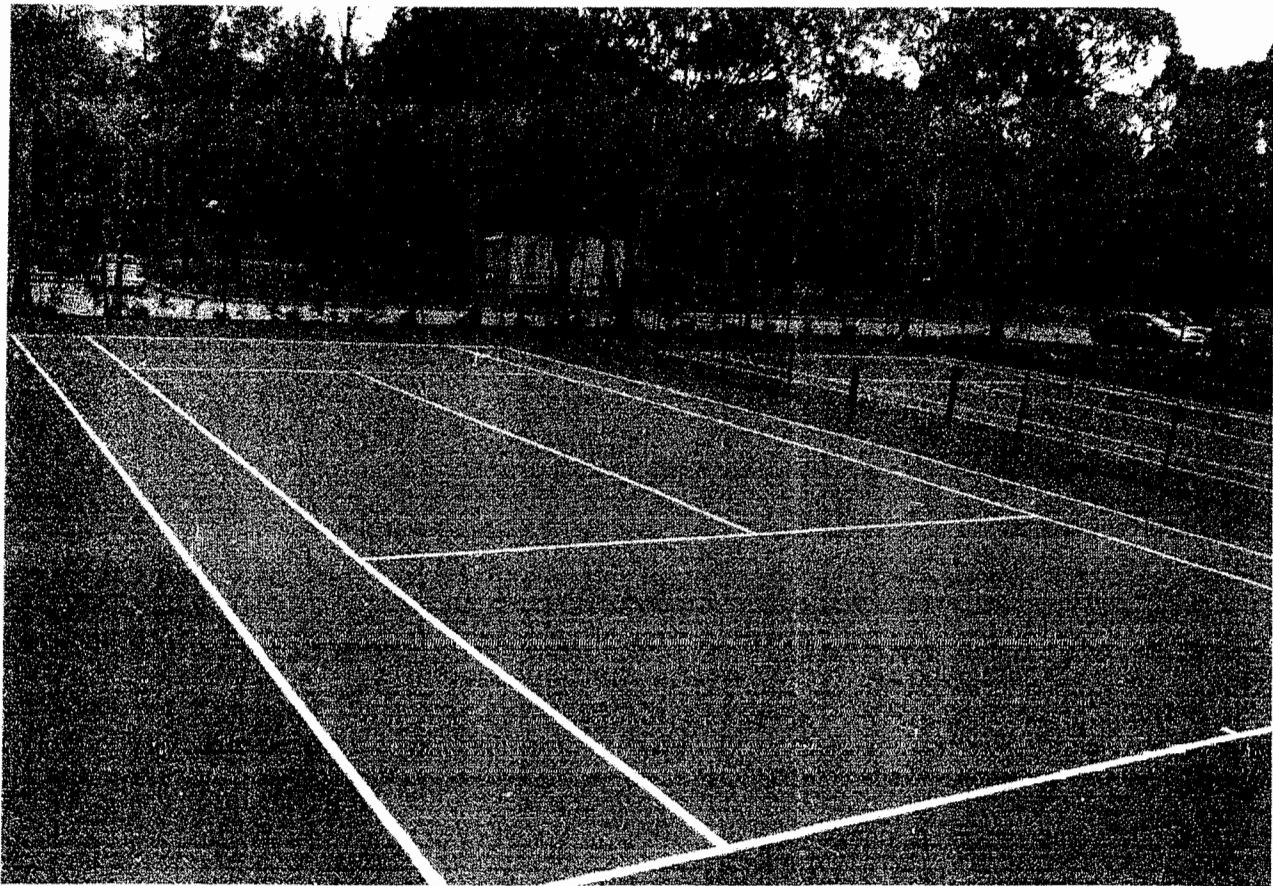
**Sales & Marketing**

**Authorized Signatory**



# HARSHITA INFRASTRUCTURE

*Sports Flooring & Equipments*



A-64, 2<sup>nd</sup> Floor, Sector-4, Noida | Shop No. 2-3, 2<sup>nd</sup> Floor, Cheema Complex, Sector 41-B, Chandigarh  
Web: [www.harshitainfrastructure.com](http://www.harshitainfrastructure.com), Email: [harshitainfra@gmail.com](mailto:harshitainfra@gmail.com), [sales@harshitainfrastructure.com](mailto:sales@harshitainfrastructure.com)  
Contact: +919646419895, +918360629007

- 204 -

APPROVAL - XVIII  
NATIONAL INSTITUTE OF TECHNOLOGY

KURUKSHETRA

No./CC/3577/866/7196

Dated 30.12.2019

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: To submit the detailed cost estimate for construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court at NIT, Kurukshetra.

Reference: Your office letter No. 20(NIT)PS/KD/2019/4783 dated 26.10.2019

It is to inform you that the Administrative Approval & Expenditure Sanction has been conveyed to CPWD for the work of construction of Lawn Tennis Court including widening and repair of existing Lawn Tennis Court in the Sports Complex vide letter no. CC/3577/625/5825 dated 04.10.2019 for an amount of Rs. 24,93,400/-. In response to A/A & E/S CPWD submit the cost estimate for an amount of Rs. 36,40,100/- for approval of the above said work.

In this regard, it is also inform you that a meeting of the Building & Works Committee of the Institute is scheduled to be held very shortly. Therefore, it is requested to submit the detailed cost estimate for the above said work as cited in the subject at the earliest as per the specifications of ITF Category 4 - Medium-Fast and images received from Physical Education and Sports Department for your reference (copy enclosed). So that the same may be put up before the ensuing meeting of Building & Works Committee of the Institute for approval.

This may be treated as most urgent. (Within a week.)

  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Dean (P&D) for kind information please
3. A.E. (Civil), CPWD, NIT Camp Office
4. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
5. SS to Registrar for kind information of Registrar
6. SS to Director for kind information of the Hon'ble Director

- 205

Subject: Minutes of the meeting of Estate Affairs Committee held on 08.01.2020 in the office of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 08.01.2020 at 03:30 PM onward in the office of Dean (P&D) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. Civil Engg. Deptt. | Member            |
| 3. Prof. S.M. Gupta, Prof. I/C(E&C)          | Member            |
| 4. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 5. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 6. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 7. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting and also extended warm welcome to the new member on EAC Dr. Sandeep Kakran, Faculty I/C (EM &T) & Dr. Rajneesh Faculty I/C (S&C).

The following issues were discussed and resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 22.08.2019.

The detailed discussion on action taken is enclosed as Annexure-I

2. To discuss the requests received from various Departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.

The requests received from various departments regarding to provide the space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms was discussed in the Estate Affairs Committee. The EAC resolved and recommended that the Estate Section may prepare the department wise consolidated requirement including Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room etc. and space for workshops, power backup system and heavy machinery labs at ground floor only. After preparation the detailed requirement the whole matter will be discussed with all HoDs of various Departments alongwith Prof. I/C (E&C) under the chairmanship of Dean (P&D) to finalize the floor wise space requirement in the proposed G+5 building, so that the final requirement may be conveyed to CPWD to submit the floor wise architectural drawings.

- 3 To discuss the request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding to construct the parking space in Block -A

The request received from the Warden, Vivekananda Bhawan (Hostel No.11) regarding to construct the parking space in Block -A was discussed in the EAC meeting. The EAC resolved and recommended that since it was not included in the original plan in the Hostel therefore, it is not feasible.

- 4 To discuss a letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings.

Letter received from Under Secretary (NITs) vide F.No.33-1/2019-TS.III (Pt.V) dated October, 2019 regarding Installation of roof top rain water harvesting systems in all Govt. buildings was discussed in the EAC meeting. The EAC resolved and recommended that a letter may be written to CPWD to prepare the comprehensive plan for installation of roof top rain water harvesting systems in the Institute buildings by channelizing the roof top rain water and action may be taken accordingly at the earliest.

- 5 To discuss the request received from the Warden, Fanibhushan Bhawan (Hostel No.-6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary wall.

The request received from the Warden, Fanibhushan Bhawan (Hostel No.6) vide no. H-6/2019/122 dated 14.11.2019, regarding construction of Boundary Wall was discussed in the EAC meeting. The EAC resolved and recommended that the boundary wall towards east face only or as per site requirement of Hostel No. 5 & 6 needs to be constructed to separate the hostels and bearer barracks.

*[Handwritten signatures and marks]*  
- 206 -



- 6 To discuss the request received from Prof. Anupam Mital, Prof./C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt.
- The request received from Prof./C (Soil Mechanics Lab) vide no. CED/1201 dated 30.09.2019 regarding to fix the Kota Stone on floor in various lab of Geotechnical Section, Civil Engg. Deptt. was discussed in the Estate Affairs Committee meeting. The EAC resolved and recommended that the work has already been approved by the 25th B&WC meeting held on 27.05.2019 vide item no. 25.3 for various works of the departments and it was apprised to the committee that the CPWD has already been intimated to submit the revised cost estimate for floor tiling, aluminium partitioning and false ceiling etc. to putup before the ensuing meeting of Building & Works Committee which will be held shortly.
- 7 To discuss the request received from Prof. N.P. Singh, HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 & 111 of ECE Deptt.
- The request received from HoD, ECE vide letter no. ECE/ /1750 dated 29.11.2019 regarding to fix the vitrified floor tiling in room nos. 103, 108 & 111 of ECE Deptt. was discussed in the Estate Affairs Committee. The EAC resolved and recommended that the work has already been approved by the 25th B&WC meeting held on 27.05.2019 vide item no. 25.3 for various works of the departments and it was apprised to the committee that the CPWD has already been intimated to submit the revised cost estimate for floor tiling, aluminium partitioning and false ceiling etc. to putup before the ensuing meeting of Building & Works Committee which will be held shortly.
- 8 To discuss regarding various works to be putup before the B&WC in its ensuing meeting that is going to be held very shortly.
- The EAC discussed the various works as per Annexure-II (from sr. no. 1 to 17) to putup before the B&WC in its ensuing meeting. The EAC was also apprised that the CPWD has already been intimated to submit the revised cost estimate of these works after approval of the competent authority of the Institute.
- 9 To discuss the request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents.
- The request received vide ref. no. H-10/2019/574 dated 20.11.2019 from Warden, Hostel No.-10 (Visvesvaraya Bhawan) regarding the aluminium/glass partition for a small scale library in the Hostel No.-10 for the residents was discussed in the EAC meeting. The EAC resolved and recommended that no aluminium/glass partitioning is possible.
- 10 To discuss the request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool.
- The request received vide no. PESS/19/535 dated 23.12.2019 regarding to repair the plinth and boundary wall of Swimming Pool was discussed in the EAC meeting. The EAC discussed and resolved that the Estate Officials may visit the site to inspect regarding repair of boundary wall and repair/replacement of plinth protection. The work may be executed by Estate Section if need be the approval may be obtained from the competent authority of the Institute.
- 11 The following works are to be discussed under HEFA
- Construction of G+5 Building
  - Construction of Gymnasium Hall
  - Construction of Student Activity Centre (SAC)
  - (a) 750 capacity Single seater hostel (b) 750 capacity 2 seater hostel
  - Construction of Community Centre
  - Construction of Auditorium Hall (2000 capacity)
- The matter was discussed in the EAC meeting regarding the works under HEFA. The Prof. /C (E&C) apprised to the committee that a letter has already been conveyed to Chief Architect, CPWD, Chandigarh & Superintending Engineer (Civil), CPWD, Karnal for submitting the Architectural drawings and cost estimate for the above said works. As and when the Architectural drawings and cost estimates received from CPWD the same will be discussed in the ensuing meeting of EAC.

12 Any other item:

The matter was discussed regarding on-going construction works executed by CPWD. The Prof. I/C (E&C) apprised that:

- (a) The work of renovation of ground floor and first floor including c/o lift & staircase block and the work of E&M Services of Ground Floor and First Floor including goods lift and Air-Conditioning System for Old MBA Block (New Workshop Building) (for SIEMENS Centre of Excellence) is in progress and will be completed in February 2020 except installation of lift works. (which will be completed within two months after completion of the civil works)
- (b) The matter regarding construction of Indoor Badminton Hall was discussed in the EAC meeting. It was apprised to the EAC that the work of 2nd tie beam along with brick work is in progress.
  - i The matter regarding construction of washrooms near Kurukshetra University side gate for security personnel was discussed in the EAC meeting. The EAC resolved that the washrooms be constructed near abandoned tube well no.-3, parking towards KUK main gate and sewerage line of Sports Ground be replaced as proposed in the drawing sketch.
  - ii The matter regarding dispose off damaged furniture lying in the various departments and occupying huge space was discussed in the EAC. The Prof. I/C (E&C) apprised the EAC and EAC resolved that a letter has already been written to all HoDs/Chief Warden (Girls) vide no. CC/3506/252 dated 23.04.2019 regarding to dump the damaged furniture lying in their department in the Alkhanda Bhawan that the space already been allocated.
  - iii The matter regarding increase the height of parapet wall in Hostel No. 4 & 5 was discussed in the EAC. The EAC resolved that the height of parapet wall be increased as per site requirement.
  - iv The matter regarding providing uninterrupted electricity supply through DG Sets installed at Electrical Sub-stations in NIT, during various programs of the students at various locations in the institute was discussed in the EAC. During the discussion, the Faculty I/C (EM&T) apprised the Committee that the DG Sets are being used to provide backup supply to its connected load in the Academic area, Hostels and Residential area, only in case of breakdown of bulk supply. However, to provide uninterrupted electricity supply through DG Sets during the programs of the students at the various locations in the institute, it is relevant to note that the bulk supply is required to be disconnected from all loads associated with the DG Sets, which is completely uneconomical. After detailed deliberations, the EAC considered the suggestion of Faculty I/C (EM&T) and recommended that it is not feasible to provide uninterrupted electricity supply through DG Sets installed at Electrical Sub-stations in NIT, during the events of the students at the various locations in the institute. Further, it was also resolved that the organizing team at their own may arrange other options to have uninterrupted electricity supply during the events of the students at such locations.
  - v The matter regarding saving by rooftop Solar Power Plant from January-2019 to October-2019 was discussed in the EAC and total saving of Rs. 43,24,423/- in the said duration was reported.

Faculty I/C (S&C)

A.E. (Civil)

A.E. (Elect.)

Faculty I/C (H&L)

Faculty I/C (EM & T)

Prof. Civil Engg. Deptt.

Prof. I/C (E&C)

Dean (P&D) & Chairman (EAC)

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

Submitted for kind consideration & approval please.

Prof. I/C (E&C)

Registrar I/C

DIRECTOR

'R'

25/01/20 - 219 -

27/01/2020

28/01/20  
28/01/20  
28/01/20

Registrar Office

Dairy No. 217

Dt. 24.01.20

1	To discuss regarding Action Taken on previous meeting was held on 22.08.2019
i	To discuss regarding construction of G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra. A separate agenda item no.-2 is placed in the meeting.
ii	To discuss the report received from the committee regarding repair of parapet wall and balcony of the rooms at Hostel No. 4 & 5. A letter has been sent to CPWD to submit the cost estimate regarding repair of parapet wall and balcony of the rooms at Hostel No. 4 & 5.
iii	To discuss a request received from HoD, (Civil Engineering) Dean (P&D) vide letter no. CED/2019/402 dated 06.04.2019, regarding preparation for accommodating increased strength due to implementation of EWS. The decision of the EAC has already been conveyed to HoD, Civil Engg. vide no. CC/3506/683 dated 18.10.2019.
iv	To discuss a request received from HoD, (Civil Engineering) vide letter no. CED/2019/402 dated 06.04.2019, regarding preparation for accommodating increased strength due to implementation of EWS. The decision of the EAC has been conveyed to HoD, Civil Engg. vide no. CC/3506/683 dated 18.10.2019.
v	To discuss the request received from the HoD, Electronics & Communication Engineering vide no. ECE/19/999 dated 10.05.2019, regarding to arrange for converting the open space between windows and ceiling and between top of cupboard & ceiling in all rooms of ECE Deptt. The tender is in process by Stores Section and will be opened on 27.08.2019. No eligible tender received and case is pending. As and when the tender process will be finalized. The work will be commenced after awarding the tender.
vi	To discuss request received from the residents of DB-1 to DB-10 on dated 18.07.2019 & 24.07.2019, regarding to make a wall of proper height near DB-11 and wire fencing over the wall so that entry from field side could be stopped The wire fencing over the gate towards UHBVN has been erected. The wire fencing on the field side is in process and will be done after procurement of the material. The MS grills in the windows in a few DB type houses have been provided and the work of repair/replacement of doors at roof top is also in process.
vii	To discuss a request received from HoD, ECE vide no. ECE/2019/1364 dated 18.07.2019, regarding partitioning in two rooms i.e. Room No.123 & 124 on the first floor to provide sitting space to the faculty members and Research Scholars of the Department. The EAC discussed and resolved that the work of aluminium partitioning in two rooms i.e. 123 & 124 may be clubbed in the main work of floor tiling, aluminium partitioning and false ceiling etc. in various deptt.
viii	To discuss regarding the re-wiring work of residential quarters. The report is in process regarding re-wiring work of residential quarters.
ix	To discuss regarding the replacement of old fan with energy efficient fans in residential area and Library. The report attached regarding the replacement of old fan with energy efficient fans in residential area and Library.
x	To discuss regarding the work of construction of foundation of solar geyser at the roof top of various hostels. The work of construction of foundation of solar geyser at the roof top of various hostels is in process.
xi	To discuss a request received from HoD, Computer Engineering vide no. Co/19/785 dated 29.07.2019, regarding Temporary construction on Roof Top of the Department (North Side) The request will be examined and suitable action will be taken accordingly.
xii	Any other item: (i) Review of all on-going work from CPWD and under EWS: (1&2) The work of SIEMENS Centre is in progress. (3) The various works will be putup in the ensuing B&WC for approval that will be held shortly. (list attached as Annexure-I from sr. no. (1 to 17) (4) The work of Annual Repair & Maintenance of Labs Chemistry at ground & 2nd floor, Physics and H&SS Department is completed. (ii) To discuss the request received from the HoD, Mechanical Engineering vide no. MED/19/1859 dated 06.08.2019, regarding provision of brick partition wall, rolling shutter, doors, windows, false ceiling raising of level of flooring, floor tiles including water supply connections and sanitary fittings etc. in the Central Workshop at NIT, Kurukshetra. In reference to letter vide no. MED/19/2914 dated 26/29.12.2019 received from HoD, MED. The EAC discussed and resolved that this work has been closed.

## Annexure-II

Sr. No.	List of works to be put up before the B&WC in its ensuing meeting that is going to be held very shortly.
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 - 3 & 7 - 10, Girls Hostels 1 - 4 and Staff Quarters including BT/CT.
3.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 4, 5 & 6.
4.	Construction of extension of existing corridor from New Workshop Building to 12 nos. Lecture hall Complex and MBA/MCA building.
5.	Strengthening of existing Cement Concrete pavement/road from North East Corner of CCN to Junction between Cauvery Hostel & MBA/MCA Department and road between Jubilee Hall & Library including arrangement of drainage of storm water.
6.	Re-carpeting of various roads in the Institutional and Hostel areas.
7.	Widening of various roads in the Institute i Road from Apollo Canteen to Security Check Post between Hostel No. 7 & 8 along with the provision of footpath as per site requirement. ii Road from Tubewell No. 5 to Junction near disposal pump along with the provision of footpath as per site requirement. iii Road from Junction near disposal pump to North West corner of Guest House.
8.	Water Proofing Treatment of Cafeteria in Open Air Theatre.
9.	Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Jubilee Hall.
10.	Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Senate Hall.
11.	Finish floor with tiles in the common room, dinning hall, warden office and MMCA office in the old boy's hostel No. (1-6) and girl's hostel No. 1.
12.	Construction of shed for covering the sports complex stairs.
13.	Provision of access to Golden Jubilee Administrative Building by providing a gate & parking shed for two wheelers along the in-side boundary wall towards west.
14.	Provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex.
15.	Detailed cost estimate for construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court.
16.	Provision of two nos. sheds near Main Porch in Golden Jubilee Administrative Building.
17.	Construction of Inter Locking Paver Blocks road surrounding STP and Oxidation Pond.



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

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

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

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

*[Handwritten signatures and initials]*

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

No./CC/173/1329

Dated 05.03.2020

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

The Executive Engineer (Elect.)  
CPWD, 208-D, HSIIDC, Sector-3,  
Karnal-132001

**Subject:** Regarding revised cost estimates for the various works.

**Reference:** This office letter nos. CC/3511/631/5836 dated 04.10.2019 CC/3492/864/7194 dated 30.12.2019 & CC/3577/866/7196 dated 30.12.2019.

In continuation to letters under reference and also discussed in the 26<sup>th</sup> meeting of the Building & Works Committee of the Institute held on 25.02.2020.

You are requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Providing & fixing of vitrified floor tiles, false ceiling, aluminium partitioning, kota stone chemical/acid resistance tiles and G.I. Sheet shade etc. in the various departments i.e. ECE, School of Material Science & Technology, MED, Physical Edu. & Sports Section, CAD, Phy. Deptt., School of VLSI Design & Embedded System, Central Workshop, CED and Chemistry Deptt. etc.
2.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 to 3, 7 to 10, Girls Hostels 1 to 4 and Staff Quarters including BT/CT flats.
3.	Water Proofing Treatment of Cafeteria in Open Air Theatre.
4.	Construction of shed for covering the Sports Complex Stairs.
5.	Construction of 3 Nos. Synthetic Tennis courts with light facility etc. by dismantling the existing Tennis court.)
6.	Covering of Open Air Theatre.

This may be treated as most urgent.

  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office
6. The Superintending Engineer (Civil), CPWD, NDRI Campus, Near State Bank of India, Karnal-132001
7. PS to Registrar for kind information of Registrar
8. PS to Director for kind information of the Hon'ble Director

- 2/2 -



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

signature  
CC/3506/VI

Reminder

No. CC/42/279

Dated 18.01.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001  
The Executive Engineer (Elect.),  
CPWD, Karnal Electrical Division, 208-D, HSIIDC,  
Sector-3, Karnal

Subject: To submit the revised cost estimate for the various works at NIT, Kurukshetra.  
Reference: This office letter no. CC/173/1329 dated 05.03.2020

In continuation to letter under reference, it is intimated that the following cost estimates have not been received in this office till date. It is also intimated that a meeting of the Building & Works Committee of the Institute is scheduled to be held very shortly. Therefore, it is requested to submit the revised cost estimates for the following works within a week, so that the same may be put up in the ensuing Building & Works Committee meeting.

Sr. No.	Name of Works
1.	Provision of Internal & External finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1 - 3 & 7 - 10, Girls Hostels 1 - 4 and Staff Quarters including BT/CT
2.	Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Jubilee Hall.
3.	Construction of shed for covering the sports complex stairs.
4.	Provision of shed for parking only for four wheelers in the existing parking near NIT Market Complex
5.	Construction of 3 nos. Synthetic Tennis Courts with light facility etc. by dismantling the existing Tennis Court.

This may be treated as most urgent.

signature  
18.01.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil)
2. Faculty I/C (EM&T)
3. Dean (P&D) for kind information please
4. A.E. (Civil), CPWD, NIT Camp Office
5. A.E. (Elect.), CPWD, NIT Camp Office 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
6. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
7. PS to Registrar for kind information of Registrar
8. AR to Director for kind information of the Hon'ble Director

- 2/3 -



भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION

Diary No. 418

Dated. 22/4/21



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एस.सी.ओ.-19-20, सेक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - 23(NIT-KKR)/अधी-अभि-करनाल/2021/ 421 दिनांक 19/4/21

सेवा में,

✓ Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra-136119

Pl put up in forthcoming EAC meeting

Fac. I/C (E&C)

A.E.C.  
for a.a.p.l.

SSC(A)

22/4/2021

विषय : Construction of Lawn Tennis Court including widening and  
renovation of existing the Lawn Tennis Court at NIT,  
Kurukshetra.

महोदय,

Please find enclosed herewith a Preliminary Estimate amounting to Rs.  
2,08,12,900/- for above noted work for obtaining A/A & E/S of competent authority. The  
necessity for preparing the estimate has been explained in history part of the estimate.

It is, therefore, requested to accord and convey the administrative approval  
& expenditure sanction at the earliest.

This issues with the approval of Superintending Engineer-Karnal.

Encl : As Above

सहायक अभियन्ता-करनाल  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वै.) के.लो.नि.वि. करनाल ।

सहायक अभियन्ता-करनाल

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**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

**State: Haryana**

**Branch: B & R**

**Division: KD**

**Sub-Division: KSD**

**NAME OF WORK: Construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court at NIT, Kurukshetra. (Civil Work)**

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
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This Preliminary Estimate framed by Er. Prashant Aggarwal, Executive Engineer-Karnal (Civil), Er. Savita Ray, Executive Engineer-Karnal (Elect.) & further processed in office of, Superintending Engineer Karnal, CPWD, Karnal for the probable cost of Rs. 2,08,12,900/- i/c 3% contingencies

**REPORT**

**History:**

This preliminary estimate amounting to Rs. 2,08,12,900/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The above mentioned work has been assigned to CPWD by the Prof. I/C (Estate & Construction) vide their office letter No. CC/42/279 dated 18-01-2021 for Sr. No. 5.

**Design & Scope:**

**The following provisions have been made in this preliminary estimate :-**

**Civil Provision:-**

1. Open lawn tennis courts 03 nos. of size 36.60 x 18.30 metre
2. Provision for European ITF certified 8 metre layer acrylic cushion system over the sub base of WMM and bituminous layers for 03 nos. lawn tennis courts.
3. Provision of covering of both seating area of size 36.60mtr. X 5.50 mtr. at both ends over M.S steel structure supported on RCC columns.
4. G.I. chain link fabric fencing in mesh size 50x50mm in front of both viewers gallery for 3 metre height for total area 412 sqm.
5. Viewers gallery at both ends of size 36.60m x 5.50m with granite stone risers and steps as per line diagram attached.
6. No provision of lawn tennis accessories like net, marble poles, height chains etc. has been taken which shall be arranged by the client it self.

**Electrical Provision:-**

7. 12 mtr height Swaged steel tubular poles.
8. Supplying & laying of 3.5 x 50 sqm & 4 x 10 sqm XLPE insulated PVC sheathed Al. Cond. Cable of 1.1 KV for Main Feeder Pillar i/c connection of LED fixture with 3 x 1.5 sqm single core cable.
9. Feeder Pillar & GI pipe Earthing etc.
10. 300 W Flood light fittings.

**Specification:**

Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work.

These local bodies are independent organizations and CPWD has no control over them. 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.

2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.
6. The client department will help CPWD in :-
  - a) Providing site for labour huts for the contractor's labour free of cost.
  - b) Providing free access to contractor's material and labour to the site of work.
  - c) Providing electricity connection for execution of work on payment of usual charges, and
  - d) Sanction and release of load from the concerned Electricity Board/Authority.

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

**WC Establishment:** Shall be met out of contingencies.

**Land:** Available with client department.

**Rate:** Based on DSR - 2019 & Market rates.

**Method:** Through contract after call of tender.

**Time:** 12 Months (After receipt of A/A & E/S)

**Cost:** Rs. 2,08,12,900/-

**Note:-** The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years. This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.

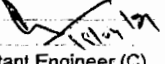
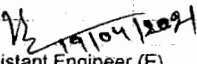
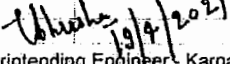
-Sd-  
Planning Branch  
Karnal Division  
CPWD, Karnal

*N*  
19/04/2021  
Assistant Engineer (E)

*[Signature]*  
19/04/21  
Assistant Engineer (C)

-Sd-  
Executive Engineer  
Karnal Division  
CPWD, Karnal

*[Signature]*  
19/04/2021  
Superintending Engineer - Karnal

<b>GENERAL ABSTRACT</b>			
<b>Name of Work:-</b>		<b>Construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court at NIT, Kurukshetra.</b>	
<b>S.No.</b>	<b>Description</b>	<b>Amount</b>	<b>Remarks</b>
1	SH: Civil Work	16062599.00	Annexure- 'A'
2	SH: Providing Electrical Services Connection, feeder pillar & LED flood light fittings.	2051310.00	Annexure- 'B'
<b>Total Rs.</b>		<b>18113909.00</b>	
<b>Add: EPF &amp; ESIC @ 11.90%</b>		<b>2155555.00</b>	
<b>Add: 3% Contingencies</b>		<b>543417.00</b>	
<b>Say Rs.</b>		<b>2,08,12,900</b>	
<b>Planning Branch</b>		<b>Executive Engineer</b>	
<b>Karnal Division</b>		<b>Karnal Division</b>	
<b>CPWD, Karnal</b>		<b>CPWD, Karnal</b>	
The preliminary estimate amounting to Rs. 2,08,12,900.00 is submitted for obtaining A/A & E/S.			
 Assistant Engineer (C)		 Assistant Engineer (E)	
		 Superintending Engineer - Karnal	

## DETAILED ESTIMATE

**Name o. Work:-** Construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court at NIT, Kurukshetra.

SL. No.	DSR No.	Description	Qty	Unit	Rate	Amount
1	2	EARTH WORK				
1.1	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.				
1.1.1	2.8.1	All kinds of soil.	424	cum	252.30	106975.00
1.2	2.28	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
1.2.1	2.28.1	All kinds of soil	3702	sqm	24.35	90144.00
2	4	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 :				
2.1.1	4.1.2	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	8	cum	7210.55	57684.00
2.1.2	4.1.8	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	95	cum	5789.60	550012.00
3	5	REINFORCED CEMENT CONCRETE				
3.1	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, ifnishing and reinforcement- All work up to plinth level :				
3.1.1	5.1.2	1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	54	cum	7718.25	416786.00
3.2	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. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement				
3.2.1	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	17	cum	9306.00	158202.00
3.3	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement: 1.5 coarse sand (zone-III) derived from natural sources: 3 graded stone aggregate 20 mm nominal size derived from natural sources).	82	cum	9763.80	800632.00
3.4	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
3.4.1	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	72	sqm	284.85	20509.00
3.4.2	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	512	sqm	552.05	282650.00

3.4.3	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	155	sqm	733.70	113724.00
3.5	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
3.5.1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	7020	kg	83.50	586170.00
3.6	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
3.6.1	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	14850	kg	83.50	1239975.00
4	6	MASONRY WORK				
4.1	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
4.1.1	6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	74	cum	6376.25	471843.00
4.2	6.4	Brick work 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 in all shapes and sizes in :				
4.2.1	6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	138	cum	7590.45	1047482.00
5	10	STEEL WORK				
5.1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1333	kg	101.75	135633.00
5.2	10.16	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.				
5.2.1	10.16.1	Hot finished welded type tubes	7501	kg	143.45	1076018.00
5.3	10.19	Providing and fixing mild steel round holding down bolts with nuts and washer plates complete.	250	kg	83.85	20963.00
5.4	10.28	Providing and fixing stainless steel ( Grade 304) railing 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 & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval 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.).	1050	kg	575.45	604223.00
6	11	FLOORING				
6.1	11.56	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.				
6.1.1	11.56.1	Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	381	sqm	3526.60	1343635.00

7	12	ROOFING				
7.1	12.5	Providing and fixing pre-coated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	429	sqm	627.55	269219.00
7.2	12.51	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
7.2.1	12.51.1	Ridges plain (500 - 600mm)	11	metre	416.30	4579.00
8	13	FINISHING				
8.1	13.4	12 mm cement plaster of mix :				
8.1.1	13.4.1	1:4 (1 cement: 4 coarse sand)	670	sqm	276.15	185021.00
8.2	13.5	15 mm cement plaster on rough side of single or half brick wall of mix:				
8.2.1	13.5.1	1:4 (1 cement: 4 coarse sand)	121	sqm	318.95	38593.00
8.3	13.41	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade :				
8.3.1	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	121	sqm	153.45	18567.00
8.4	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :				
8.4.1	13.46.1	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)	407	sqm	164.70	67033.00
8.5	13.52	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.				
8.5.1	13.52.1	On steel work	277	sqm	189.75	52561.00
9	16	ROAD WORK				
9.1	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 earthwith lead upto 50 metres.	3702	sqm	156.75	580289.00
9.2	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 :				
9.2.1	16.30.1	On W.B.M. @ 0.75 Kg / sqm	2010	sqm	42.05	84521.00
9.2.2	16.30.2	On bituminous surface @ 0.50 Kg / sqm	2010	sqm	33.65	67637.00

9.3	16.4	Providing and laying seal coat of premixed fine aggregate (passing 2.36 mm and retained on 180 micron sieve) with bitumen using 128 kg of bitumen of grade VG - 10 bitumen per cum of fine aggregate and 0.60 cum of fine aggregate per 100 sqm of road surface, including rolling and finishing with road roller all complete.	2010	sqm	73.70	148137.00
9.4	16.55	Providing and laying bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped 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.				
9.4.1	16.55.2	50 to 100 mm average compacted thickness with bitumen of grade VG-30 @ 3.50% (percentage by weight of total mix) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	101	cum	7665.25	774190.00
9.5	16.56	Providing and laying semi- dense Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.				
9.5.1	16.56.2	25 mm compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of Aggregate) prepared in Drum Type Hot Mix Plant of 60-90 TPH capacity.	2010	sqm	248.70	499887.00
9.6	16.7	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.				
9.6.1	16.70.2	Made of G.I. wire of dia. 4 mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade	412	sqm	825.30	340024.00
9.7	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 for all leads & lifts, laying in uniform layers with mechanical paverfinisher 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.	201	cum	2641.40	530921.00
10.1	MR	18 mm thick machine cut and mirror polished granite stone of approved shade in riser of steps, skirting, dados and pillars laid on 12mm (average) thick cement mortar 1:3 (1cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of granite slab complete in all respects. (Based on DSR Item No. 11.27)	73	Sqm	3470.29	253331.00





**PRELIMINARY ESTIMATE**

Name of Work: Construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court at NIT, Kurukshetra.

S.No.	Description of Item	Qty.	Unit	Rate	Unit	Amount
1.0	Supplying & fixing 12 mtr height swaged steel tubular poles with brackets near top i/c necessary foundation making collar etc. complete as required.	8	Nos	40000.00	each	320000.00
2.0	Supplying & fixing 300W LED flood light fittings on the existing pole i/c connections, testing & commissioning etc. as required.	36	Nos	35000.00	each	1260000.00
3.0	Provision for supplying & laying of diffirrent size cable i/c connections etc as required.		LS			261000.00
4.0	Provision for distribution system i.e; feeder pillar, junction box i/c earthing etc as required.		LS			190000.00
	<b>Grand Total</b>					<b>2031000.00</b>
	Add Labour Cess @1%					20310.00
	<b>Total (B)</b>					<b>2051310.00</b>
	<b>Say Rs.</b>					<b>2051310.00</b>

-Sd-

EE(E)/KCED/CPWD  
KARNAL

*V*  
19/04/2021  
Assistant Engineer (Elect.)  
O/o SE-Karnal  
CPWD, Karnal

Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWD, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

4. To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

5. To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

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

committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

In BWC Agenda;  
background/ref.  
3 peripheral  
road be given  
& justify  
this in that light

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal Vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

Head to  
be mentioned  
in agenda.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

*[Handwritten signatures and initials]*

10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was appraised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells along with the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

Faculty I/C (S&C)

A.E. (Civil)

A.E. (Elect.)

Faculty I/C (E&C)

Point no 6 may be offer for considering some economical alternative from the point of utility and environment.

Faculty I/C (H&L)

Faculty I/C (EM & T)

Professor- I/C (E&C)

Dean (P&D) & Chairman (EAC)

Point 6 above may be kept pending as per the remarks of Faculty I/c (H&L).

Registrar I/C

Registrar Office

Dairy No. 940

Dt. 15.07.21

Director

Please discuss.

Deputy P&D

Discussed.

The Estate Affairs Committee Minutes/Recommendations

above are summarized below for consideration please.

(a) Routine items no.: 1, 2, 10

(b) New Works for which CPWD estimates were obtained after after approval of works and items - 3, 5, 6, 7, 8 and 9.

Director

13/8/21

13/8/21

Registrar Office

1123

13.8.21

Dean (P&D)

P/I (E&C)

For I/C (E&C)

For P/I



**BWC 27.10** To consider and approve the preliminary cost estimate for providing furniture for the following works:

- (i) Pre-feb construction of 2<sup>nd</sup> floor over the OLD MBA Block (New Workshop Building)(SCOE)
- (ii) Additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-feb construction.

The above said works were approved in its 24<sup>th</sup> meeting of Building & Works Committee vide items no. 24.3 & 24.4 held on 06.03.2018 and subsequently approved by Finance Committee in its 37<sup>th</sup> meeting vide items no. 37.2 & 37.3 and BOG in its 45<sup>th</sup> meeting vide item no. 45.31 held on 04.06.2018. After approval of the BoG the A/A & E/S of the above said works was conveyed to Executive Engineer (Civil), CPWD, Karnal vide letter no. CC/3550/294/2975 dated 13.05.2019 & CC/3551/90/975 dated 10.02.2020 respectively for execution of the above said works. Thereafter, the above said works were allotted to the executing agency for execution by CPWD vide letters no. 54(PG/NIT Pre-feb)/KCD/2020/1729 dated 08.09.2020 and 54(PG/NIT MBA MCA)/KCD/2020/1805 dated 14.09.2020 respectively as enclosed in **Appendix XIX from page 229 to 243.**

Further, the work is in progress and near to its completion. During the execution of the works, a meeting of Space Allocation Committee was held on 17<sup>th</sup> February 2021 and allocated the additional space created due to on-going-construction of additional floors on Old MBA Block (SCoE) and MBA MCA Deptt. to the Computer Engineering Department & the Computer Application Department. In this regard, the requirements were received from the HoD, Computer Engineering & HoD, Computer Application vide letters no. CO/2021/295 dated 09.04.2021 and no. DCA/2021/216 dated 12.07.2021. These requirements were discussed in the meeting chaired by Dean (P&D) dated 13.07.2021 and the committee observed that the construction of these buildings is at advance stage so the procurement of furniture items is essential to utilize the allocated space. So, the requirement of furniture items received from HOD(Co) and HOD (CA) for the above said newly being created space has been sent to Executive Engineer (Civil), CPWD, Karnal vide letters no. CC/3550/238/1633 dated 26.04.2021 and no. CC/3550-3551/402/2373 dated 20.07.2021 to submit the cost estimate along with detailed specifications of furniture items. The letters are enclosed as **Appendix XX from page 244 to 265.**

In reference to the requirements received from HoDs Computer Engineering & Computer Application the preliminary cost estimate of furniture items alongwith detailed specifications received from the office of Superintending

Engineer, Karnal as submitted by Assistant Engineer (Civil), CPWD, Karnal vide letter no. 23(NIT-KKR)/S.E.-Karnal/2021/935-H dated 23.09.2021 for amounting to Rs. 1,85,21,300/- as enclosed in **Appendix XXI from page 266 to 283.**

Further, the preliminary cost estimate of furniture items along with detailed specifications was put up before the Estate Affairs Committee meeting held on 17.11.2021. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 1,85,21,300/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval which is enclosed as **Appendix XXII from page 284 to 285.**

The Building & Works Committee may consider and approve the preliminary cost estimate for an amount of Rs. 1,85,21,300/- for the work of provision of furniture items for the following works:

- (i) Pre-fab construction of 2<sup>nd</sup> floor over the OLD MBA Block (New Workshop Building)(SCOE)
- (ii) Additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-fab construction.



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

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

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

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





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

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

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



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

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

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

(199) DYN No. 886  
Dt: 01/07/18

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**

No./NITK/Acs./37<sup>th</sup> FC/2018/ 3345

Dated: 29.06.2018

**Item 37.2 To consider and approve the minutes of meeting of Building & Works Committee (BWC) held on 6<sup>th</sup> March 2018.**

The Finance Committee in its 37<sup>th</sup> meeting held on 04.06.2018 has decided as under:

"The Finance Committee considered and recommended to the Board the minutes of 24<sup>th</sup> meeting of Building & Works Committee held on 6<sup>th</sup> March, 2018."

**This is for reference, record and further necessary action in the matter.**

Encl: Agenda Item

  
REGISTRAR

**Professor I/c (Estate & Construction)**



-27-

**Item FC 37.2 To consider and approve the minutes of 24<sup>th</sup> meeting of Building & Works Committee (B&WC) held on 6<sup>th</sup> March 2018**

The 24<sup>th</sup> meeting of the Building & Works Committee was held on 06<sup>th</sup> March, 2018 in the Board Room, Golden Jubilee Administrative Building, National Institute of Technology Kurukshetra. The minutes of the proceedings of the meeting were circulated to all members of the Building & Works Committee in pursuance with the 1<sup>st</sup> statutes of NIT Act 2007. A copy of the minutes of 24<sup>th</sup> meeting of B&WC is enclosed as **Annexure 37.2(1) from page 29 to 40.**

The Institute received comments from the following the members of the B&WC regarding agenda item 24.3 and 24.4:-

1. Er. B.P. Singh, Superintending Engineer (Civil), CPWD- In the item No. BWC 24.4, a line may be inserted in between "instead of pre-fab construction". Further, the vertical expansion is not possible in absence of scrutiny of complete structural analysis/data/design/drawings and in view stringent codal provision BIS 13920 (2016) and 1893 (2016). The other contents of the Minutes of meeting have been gone through and stand vetted.
2. Er. A.K. Singhal, Director General (Retired), CPWD- The proposed para to be added in minutes of the meeting in items No. BWC 24.3 and BWC 24.4:

"The issue of proposing pre-fab construction for the proposed expansion over the old MBA/New Workshop Building and Existing MBA/MCA deptt. came up for discussion. The Superintending Engineer, Chandigarh Central Circle, CPWD Chandigarh intimated that pre-fab construction has been proposed because normal vertical expansion is not possible in the absence of scrutiny complete structural/data/design/drawings and in view of stringent codal provisions in BIS 13920 (2016) & 1893 (2016). Sh. A.K.Singhal DG, CPWD (Rtd.) suggested that the buildings, on which one additional floor in prefab construction is being proposed, are Institutional buildings where the external aesthetics of the building is very important. These buildings are relatively new buildings. Therefore, proposal of prefab construction should not be accepted in haste. The possibility of adding one additional

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floor with normal construction should be explored and decision of prefab construction should be taken when it is established that one additional floor with normal construction cannot be added. The proposed projects can be accepted in principle subject to adjustment based on the type of construction to be adopted."

A copy of the above comments is enclosed as **Annexure 37.2(2)** from page 41 to 44.

In view of the above, it is proposed/recommended that "the Finance Committee may consider and approve the minutes of 24<sup>th</sup> meeting of Building & Works Committee".

AECI  
27/07/18

SA  
1/8  
31/7/18

03/07/18

- 234 -

(196) DYN01887  
Dt: 02/07/18

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119**

No./NITK/Acs./37<sup>th</sup> FC/2018/ 3844

Dated: 29.06.2018

**Item 37.3 To consider and approve the minutes of Building Works Committee considered through the agenda by circulation for approving the minutes of the meeting held on 18.4.2018 for considering the comments received from two members of the BWC for preliminary cost estimate for an amount of Rs.11.82 crore (BWC C-1) and preliminary cost of Rs.8.18 crore (BWC C-2).**

The Finance Committee in its 37<sup>th</sup> meeting held on 04.06.2018 has decided as under:

"After detailed deliberations and justifications provided by the Prof. I/c (Estate & Construction), the Finance Committee approved the minutes of Building & Works committee considered by BWC through the agenda by circulation with the following recommendations: -

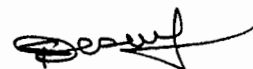
- (1) The funds of Rs.11.82 crores for the work under BWC C-1 are approved from the unutilized grant for the financial year 2017-18 instead of carrying out under HEFA. The work comprises of major renovation of the existing two floors including deep foundation in the robotic lab and installation of commercial lift, and new pre-fab construction of additional floor so as to accommodate the establishment of Siemens Centre of Excellence.
- (2) The funds of Rs.8.18 crores for the work under agenda BWC C-2 are approved from "MCA fund" earmarked against the self-financing seats of MCA course instead of carrying out under HEFA. Further, the construction of additional floor under this work is to be carried out as conventional permanent construction instead of pre-fab construction.
- (3) For cost reduction point of view, it is suggested that the Institute may carry out the above two works through its own Estate & Construction section, if possible, instead of getting it through CPWD.

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The Institute shall revive/introduce its own Construction Cell with the existing sanctioned staff strength to explore the possibility for the future civil works to be carried out by the Institute itself."

**This is for reference, record and further necessary action in the matter.**

Encl: Agenda Item



REGISTRAR

**Professor I/c (Estate & Construction)**

Copy to:

1. Deputy Registrar (Accounts)

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

197

No. NITK / 45<sup>th</sup> BOG / 3333

Dated: 28/06/2018

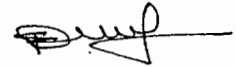
The Board of Governors of the Institute at its 45<sup>th</sup> meeting held on 04.06.2018 has decided under:

**BoG 45.31 To consider and approve the minutes of 37<sup>th</sup> meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 04.06.2018.**

*"The Board approved the minutes of 37<sup>th</sup> meeting of the Finance Committee, National Institute of Technology, Kurukshetra held on 04.06.2018."*

This is for your reference, record and further necessary action in the matter.

Encl: Agenda Item



Registrar (I/C)

Professor I/C (Accounts)

Copy to : The Deputy Registrar (GA & L)



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No./CC/3550/294/2975

Dated 13.05.2019

To

The Executive Engineer (Civil),  
CPWD, NDRI Campus (Near State Bank of India),  
Karnal-132001

original on cc/3492  
Vol. II

Subject: Administrative Approval & Expenditure Sanction for the provision of additional floor by providing Pre-feb construction with the provision of Air-conditioning, lifts & staircase etc. over the Old MBA/New Workshop Building and renovation of existing workshop building for heavy machinery at NIT, Kurukshetra.

Reference: MoU dated 20.12.2012 and approval of the Hon'ble Director on dated 09.05.2019 for the work as cited in the subject.

The administrative approval and expenditure sanction for the work as cited in the subject on the following priority is hereby conveyed for execution.

Sr. No.	Description	Cost Estimate (In Rs.)
1	Renovation of ground floor and first floor including c/o lift & staircase block for Old MBA Block (New Workshop Building)	2,54,10,200.00
2	Providing E&M Services of Ground Floor and First Floor including goods lift and Air-Conditioning System on additional floor over existing Old MBA Block (New Workshop Building)	3,29,99,785.00
3	Provision of Pre-feb construction of 2 <sup>nd</sup> floor over the Old MBA Block (New Workshop Building) for civil, electrical and air conditioning works	3,68,57,800.00
	<b>Total</b>	<b>9,52,67,785.00</b>
<b>The work mentioned at sr. no. 1 &amp; 2 take on priority basis.</b>		

It is also important to note that CPWD will submit the complete DNIT in the Institute before inviting the tender.

This is being issued after approval of the competent authority.

  
Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Electrical)
2. A.E. (Civil)
3. D.R. (Accounts)
4. Chief Audit Executive
5. Faculty I/C (EM & T)
6. Prof. I/C (Accounts)
7. Head of Siemens Centre of Excellence (SCoE)
8. Dean (P&D) for kind information please
9. The Executive Engineer (Elect.), CPWD, 208-D, HSIIDC, Sector-3, Karnal-132001
10. Superintending Engineer (Civil), CPWD Chandigarh Central Circle-I, Kendriya Sadan, Sector-9A, Chandigarh
11. Superintending Engineer (Electrical), CPWD Chandigarh Central Electrical Circle-I, Kendriya Sadan, Sector-9A, Chandigarh
12. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9 A, Chandigarh
13. SS to Registrar for kind information of the Registrar
14. SS to Director for kind information of the Hon'ble Director

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

P/19/ The above said work as cited in the subject was put up before the Building & Works Committee in its 24<sup>th</sup> meeting held on 06.03.2018 vide item No. 24.3. after due deliberation on the above matter the Building & Works Committee concluded and approved the preliminary cost estimate of Rs. 11,82,38,000/- for the complete project to the final expenditure after re-appropriation of items in Centralized Air-conditioning instead of VRF system and construction of separate room for centralized air-conditioning instead of construction of stair-cases and renovation of the existing building as per the SIEMENS requirement. It was resolved that the CPWD will submit the composite estimate for the above said work after re-appropriation of items. The Chairman Building & Works Committee was authorized to approve the complete estimate. Subsequently, the same was approved by the Finance Committee in its 37<sup>th</sup> meeting vide item no. 37.3 held on 04.06.2018 and the BoG in its 45<sup>th</sup> meeting vide item no. 45.31 held on 04.06.2018 (copies of decision enclosed).

P/5 Further a meeting was held on 30.01.2019 in the Board Room of the Institute with the representative of the SIEMENS in the presence of Hon'ble Director, Registrar, Dean (R&C), Dean (IIR), Executive Engineer (Electrical), A.E. (Electrical) & A.E. (Civil), CPWD (representative of Executive Engineer (Civil), regarding to set up of the labs for Centre of Excellence in the Institute. After the meeting, the representative of SIEMENS visited the Old MBA Block (Ground Floor & 1<sup>st</sup> Floor) along with Dr. Pankaj Chandra, Dean (IIR), Prof. I/C (E&C), A.E. (Civil) & A.E. (Elect.), CPWD, all the points were discussed regarding renovation of Ground Floor & 1<sup>st</sup> Floor of the Old MBA building as per CoE requirement (including Civil & Electrical works). In this reference a letter was sent to CPWD vide no. CC.3550/114/1302 dated 11.02.2019 for submit the cost estimate alongwith all electrical provisions including lifts & fire fighting system. Accordingly, representative of SIEMENS submitted the requirements through E-mail on 04.03.2019 & 25.03.2019, regarding total power requirement data and site plan of Ground Floor & 1<sup>st</sup> Floor Plan of Old MBA building.

Further, the requirements received from SIEMENS were discussed with the competent authority by Prof. I/C (Estate & Construction). After detailed discussion it was decided that the work of Old MBA/New Workshop Building be executed on the following priority.

- P/40
1. Renovation of Civil work at Ground Floor & 1<sup>st</sup> Floor as per CoE requirement including provision of lifts & staircase.
  2. Electrical work including Air-Conditioning as per CoE requirement and as per layout plan submitted alongwith the provision of Installation of lifts.
  3. Provision of furniture as per requirement of CoE (the same will be procured through Store Section)
  4. Construction of Additional floor by pre-fab structure including provision of Air-Conditioning.

P/41 After approval of the competent authority on dated 08.04.2019, the same was communicated to CPWD vide letter no. CC/3550/233/2347 dated 11.04.2019 to submit the cost estimate for the above said works priority wise.

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1/1/62  
 original  
 cc/3492 H-10

Submitted for approval please.

Prof. I/C (Estate & Construction)

Dean (P&D) *[Signature]* 08/5/19

Registrar 

Registrar Office  
Dairy No. 1890  
Dt. 8.5.19

Director

'R'  
 9/5/19  
 Dean (P&D)  
 9/5/19  
 P1 (E&C)  
 10/5/19  
 AEC  
 10/5/19  
 240-  
 10/5/19

226  
(5)

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA

No./CC/3551/90/975

Dated 10.02.2020

To

The Executive Engineer (Civil),  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

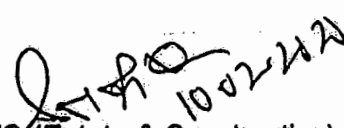
**Subject:** Administrative Approval & Expenditure Sanction for Construction of additional floor over the existing building of MBA/MCA Department with conventional permanent construction instead of pre-fab construction at NIT, Kurukshetra

**Reference:** MoU dated 20.12.2012 and approval of the Hon'ble Director on dated 05.02.2020

In view of the approval of Competent Authority, the administrative approval and expenditure sanction is hereby conveyed for the work as cited in the subject.

Sr. No.	Name of Work	Cost of Work
1	Construction of additional floor over the existing building of MBA/MCA Department with conventional permanent construction instead of pre-fab construction at NIT, Kurukshetra	Rs. 8,53,95,000/- (Rupees Eight crores fifty three lacs ninety five thousand only).

This is being issued with the approval of the competent authority.

  
Prof. I/O (Estate & Construction)

Copy to:

1. Dean (P&D)
  2. Faculty I/C (EM&T)
  3. Prof. I/O (Accounts) NITK
  4. A.E. (Elect.), NITK
  5. A.E. (CIVIL), NITK
  6. SS to Registrar for kind Information of Registrar
  7. SS to Director for kind Information of the Hon'ble Director
  8. A.E. (CIVIL), CPWD, NIT Camp Office
  9. A.E. (Elect.), CPWD, NIT Camp Office
  10. The Executive Engineer (Elect), CPWD, 208-D, HSIIDC, Sector-3, Karnal-132001
  11. The SuperIntending Engineer (CIVIL), CPWD NDRI Campus, Near State Bank of India Karnal-132001
  12. Chief Engineer (NZ-I), Chandigarh CPWD, Kendriya Sadan, Sector-9-A, Chandigarh
- 241 -



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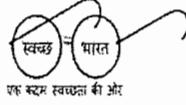
14/9/20

भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT



पंजीकृत पावती/स्पीड पोस्ट

कार्यालय कार्यपालक अभियंता  
केन्द्रीय लोक निर्माण विभाग  
एन.डी.आर.आई कैम्पस,  
करनाल-132001



Office of the Executive Engineer,  
Central Public Works Department,  
NDRI Campus, Karnal-132001  
e-mail :- eekcd.knl.cpwd@nic.in

Letter of Acceptance/Intent  
निष्पादन प्रतिभूर्ति पत्र

संख्या- 54(PG/NIT Pre-feb)/क.के.मं/2020/ 1729  
सेवा में,

दिनांक 8/9/2020

M/s. K.P. Singh & Co.  
C-1/44, Street No.-19,  
Khajoori Khas, Delhi-94

विषय : Provision of Pre-feb construction of 2nd floor over the Old MBA Block (New Workshop Building) at NIT Kurukshetra Haryana (Civil+Electrical).

(19/EE/KD/2020-21/1/ SE-KARNAL/CPWD/2020-21)

महोदय,

1. Your Percentage rate Composite tender for the work mentioned above has been accepted on behalf of the President of India at your Tendered amount of Rs. 2,24,39,289/- (Rs. Two Crores Twenty Four Lacs Thirty Nine Thousand Two Hundred & Eighty Nine Only) (For Civil Rs. 1,88,09,536/- & For Electrical Rs. 36,29,753/-) which is 28.89% (Twenty Eight Decimal Eight Nine Percent Only) Below against the Estimated cost of Rs. 3,15,55,743/- (Rs. Three Crores Fifteen Lacs Fifty Five Thousand Seven Hundred & Forty Three Only) (For Civil Rs. 2,64,51,324/- & For Electrical Rs. 51,04,419/-).
2. You are requested to submit the performance guarantee of Rs 11,21,964/- (Rs. Eleven Lacs Twenty One Thousand Nine Hundred & Sixty Four Only) within 7 (Seven) days of issue of this letter. The Performance Guarantee shall be in any of the prescribed form as provided in Clause-I of the General condition of contracts for CPWD works & shall be as per Clause-I and shall be initially valid upto the stipulated date of completion plus Sixty days beyond that.
3. On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued & site of work shall be handed over to your thereafter.
4. Please note that the time of 08 (Eight) Months allowed for carrying out the above work shall be reckoned from the 10 days after the date of issue of this letter.

भवदीय,

(प्रशांत अग्रवाल)  
कार्यपालक अभियंता-करनाल,  
(कृते भारत के राष्ट्रपति की ओर से)  
के.लो.नि.वि., करनाल।

प्रतिलिपि : (मूल पर नहीं)

1. अधीक्षण अभियन्ता-करनाल, के.लो.नि.वि., करनाल को उनके पत्र संख्या 23(NIT-KKR)/अधि. अभि-करनाल/2020/584 दिनांक 03.09.2020 के संदर्भ में सूचनार्थ हेतु प्रेषित।
2. कार्यपालक अभियन्ता (वै.), करनाल केन्द्रीय वैद्युत मण्डल, केन्द्रीय लोक निर्माण विभाग, 208-डी, सैक्टर - 3, संस्थागत क्षेत्र, करनाल - 132001 को सूचनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित।
3. निदेशक, एन.आई.टी कुरुक्षेत्र को सूचनार्थ प्रेषित।
4. रोकडिया, करनाल मण्डल, के.लो.नि.वि., करनाल को उपरोक्त पैरा संख्या-2 की शर्तों के अनुसार PG लेने हेतु।
5. सहायक अभियन्ता, कुरुक्षेत्र उप-मण्डल, के.लो.नि.वि., कुरुक्षेत्र (हरियाणा)।
6. श्रम प्रवर्तक अधिकारी (केन्द्रीय), कोठी न. 32, बैंक कालोनी, करनाल।
7. मूल करार।

Prashant

कार्यपालक अभियन्ता-करनाल

242-

## ESTATE SECTION

पंजीकृत पावती/स्पीड पोस्ट



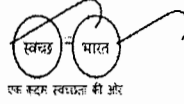
Diary No. 695

Dated. 21/9/20

भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT



कार्यालय कार्यपालक अभियंता  
केन्द्रीय लोक निर्माण विभाग  
एन.डी.आर.आई कैम्पस,  
करनाल-132001



Office of the Executive Engineer,  
Central Public Works Department,  
NDRI Campus, Karnal-132001  
e-mail :- eekcd.knl.cpwd@nic.in

Letter of Acceptance/Intent  
निष्पादन प्रतिभूर्ति पत्र

संख्या- 54(PG/NIT MBA MCA)/क.के.मं/2020/1805  
सेवा में,

दिनांक 14-09-2020

M/s. Satyavir Khatri & Sons,  
1177, Pana Paposian, Narela  
Delhi - 110040

विषय : Construction of additional floor over the existing building of MBA / MCA department with conventional permanent construction instead of pre-fab construction at NIT Kurukshetra Haryana (Civil+Electrical).

(20/EE/KD/2020-21 /2/ SE-KARNAL/CPWD/2020-21)

महोदय,

1. Your Percentage rate Composite tender for the work mentioned above has been accepted on behalf of the President of India at your Tendered amount of Rs. 3,59,64,573/- (Rs. Three Crores Fifty Nine Lacs Sixty Four Thousand Five Hundred & Seventy Three Only) (For Civil Rs. 3,12,85,471/- & For Electrical Rs. 46,79,102/-) which is 34.15% (Thirty Four Decimal One Five Percent Only) Below against the Estimated cost of Rs. 5,46,15,904/- (Rs. Five Crores Forty Six Lacs Fifteen Thousand Nine Hundred & Four Only) (For Civil Rs. 4,75,10,206/- & For Electrical Rs. 71,05,698/-).
2. You are requested to submit the performance guarantee of Rs 17,98,229/- (Rs. Seventeen Lacs Ninty Eight Thousand Two Hundred & Twenty Nine Only) within 7 (Seven) days of issue of this letter. The Performance Guarantee shall be in any of the prescribed form as provided in Clause-I of the General condition of contracts for CPWD works & shall be as per Clause-I and shall be initially valid upto the stipulated date of completion plus Sixty days beyond that.
3. On receipt of prescribed performance guarantee, necessary letter to commence the work shall be issued & site of work shall be handed over to your thereafter.
4. Please note that the time of 12 (Twelve) Months allowed for carrying out the above work shall be reckoned from the 10 days after the date of issue of this letter.

भवदीय,

(प्रशांत अग्रवाल)

कार्यपालक अभियंता-करनाल,

(कृते भारत के राष्ट्रपति की ओर से)  
के.लो.नि.वि., करनाल।

प्रतिलिपि : (मूल पर नहीं)

1. अधीक्षण अभियन्ता-करनाल, के.लो.नि.वि., करनाल को उनके पत्र संख्या 23(NIT-KKR)/अधि. अभि-करनाल/2020/614 दिनांक 11.09.2020 के संदर्भ में सूचनार्थ हेतु प्रेषित।
2. कार्यपालक अभियन्ता (वै.), करनाल केन्द्रीय वैद्युत मण्डल, केन्द्रीय लोक निर्माण विभाग, 208-डी, सैक्टर - 3, संस्थागत क्षेत्र, करनाल - 132001 को सूचनार्थ एवं अग्रिम कार्यवाही हेतु प्रेषित।
3. निदेशक, एन.आई.टी कुरुक्षेत्र को सूचनार्थ प्रेषित।
4. रोकडिया, करनाल मण्डल, के.लो.नि.वि., करनाल को उपरोक्त पैरा संख्या-2 की शर्तों के अनुसार PG लेने हेतु।
5. सहायक अभियन्ता, कुरुक्षेत्र उप-मण्डल, के.लो.नि.वि., कुरुक्षेत्र (हरियाणा)।
6. श्रम प्रवर्तक अधिकारी (केन्द्रीय), कोठी न. 32, बैंक कालोनी, करनाल।
7. मूल करार।

कार्यपालक अभियंता-करनाल

A meeting of the Space Allocation Committee (SAC) was held on February 17<sup>th</sup>, 2021 at 03:15 PM in the Board Room of Golden Jubilee Administrative Building. The following Agenda items were discussed:

- 1) Considering newly constructed space and requirements of Computer Engg. Deptt./Department of Computer Applications for space utilization.
- 2) Any other items

The following were present in the meeting.

1	Prof. A. Swarup Dean (P&D)	Chairman
2	Prof. Gain Bhushan Dean (Acad.)	Member
3	Prof. Mahesh Pal Dean (R&C)	Member
4	Shri G. R. Samantaray Registrar I/C	Member
5	Prof. Arun Goel Prof. I/C (E&C)	Member
6	Prof. Surinder Deswal Prof. Civil Engg. Deptt.	Member
7	Prof. Mayank Dave, HoD, Computer Engg.	Special Invitee
8	Prof. Ashutosh K. Singh HoD, Computer Application	Special Invitee
9	Er. S.N. Kaushik Assistant Engineer (Civil)	Member & Convener

At the outset of the meeting of the Space Allocation Committee, the chairman of the committee welcomed all the members.

**Item No. 1:**

(a) The Space Allocation Committee was apprised of the additional space being created due to on-going construction of additional floors on

(i) Old MBA Block/SCoE (New Workshop building) (ii) BA/CA Deptt. as per the drawings (copies enclosed). Further, the Space Allocation Committee discussed and deliberated at length on the additional space is being created vis-a-vis current status and Infrastructure/Space requirements for the Academic Year 2021-22 in the light of increase of seats due to implementation of EWS & requirement of additional space to Computer Engg. Deptt. in the light of recent Senate decision regarding rationalization or redistribution of UG seats.


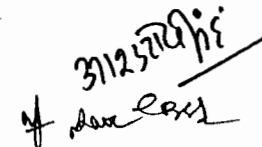
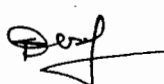
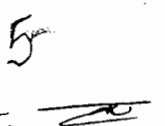


The additional space required by increase in number of students in Computer Engg. Deptt. will be allocated from existing Computer Engg. Deptt. & whole additional space required by increase in number of students in IT will be allocated from newly constructed space at 2nd floor of MCA Building & 2nd floor of Old MBA Building. After detailed discussion the SAC resolved and recommended regarding allocation of additional space required for Computer Engg. Deptt. and of Computer Application Deptt. as per detail given below:

	AY 2020-21		AY 2021-22		Space/Rooms required & allotment	Remarks
	CoE	IT	CoE	IT		
Student Strength	120	129	243	164	-	-
Faculty Strength	25	19			-	Appropriation year wise
Lecture Groups	2	2	3	2	-	Approx. 80 students per group Increase of 1 Lecture group in CoE
Tutorial/ Lab Groups	6	6	12	8	-	Approx. 20 students per group. Increase of 6 groups in CoE & 2 groups in IT

11252149



		Available AY 2020-21		Requirements AY 2021-22 onwards			
Conference / Seminar Rooms		1 + 1	Shared with CoE	No	1+1	(i) Conference Hall (ii) Seminar Room to be shared with DCA 2 <sup>nd</sup> Floor MCA Block	-
Time line		Labs					-
Aug 2021 1st Sem:	BOP	Y	Y	N	Y	G.D. Room + Server Room : R-1 2 <sup>nd</sup> Floor MCA Block	-
Jan 2022 2 <sup>nd</sup> Sem:	DS	Y	Y	N	Y	NA BOP Lab will be used	-
	OOP	Y	Y	N	Y	Comp. Lab: R-2 2 <sup>nd</sup> Floor MCA Block	-
	WD	Y	Y	N	Y	Comp. Lab + Server room + UPS room: R-3 2 <sup>nd</sup> Floor MCA Block	-
Aug 2022 3 <sup>rd</sup> Sem:	DAA	Y	Y	N	Y	Comp. Lab: R-4 2 <sup>nd</sup> Floor MCA Block	-
	JAVA	Y	Y	N	Y	R-5 & R-6 Room No.1&2, 2 <sup>nd</sup> Floor SCOE Block	-
	DB	Y	Y	N	Y	NA OOP Lab will be used	-
Jan 2023 4 <sup>th</sup> Sem:	OS	Y	Y	N	Y	NA WD Lab will be used	-
	MUP/CS	Y	Y	N	Y	NA BOP Lab will be used	-
	ULP/SVV	Y	Y	N	Y	NA DAA Lab will be used	-
	CN	Y	Y	N	Y	NA JAVA Lab will be used	-
	PElec	Y	Y	N	Y	NA JAVA Lab will be used	-
Aug 2023 5 <sup>th</sup> Sem:	ADS/MAD	Y	Y	N	Y	NA WD Lab will be used	-
	SC	Y	Y	N	Y	: Central Facility Room No.3, 2 <sup>nd</sup> Floor SCOE Block	-
	UML	Y	Y	N	Y	NA DAA Lab will be used	-
	P Elec	Y	Y	N	Y	NA JAVA Lab will be used	-
6 <sup>th</sup> Sem:	-	-	-	-	-	-	-
Aug 2024 7 <sup>th</sup> Sem:	ML	Y	Y	N	Y	NA SC Lab will be used	-
	Sec/ADS	Y	Y	N	Y	NA BOP/OOP Lab will be used	-
Jan 2025 8 <sup>th</sup> Sem:	Project	-	-	-	-	-	-
	BDA	Y	Y	N	Y	NA BOP & WD Labs for accessibility and SC Lab for Facility will be used	-
HOD Room		Y	Y	N	Y	2 <sup>nd</sup> Floor MCA Block	-
Office Room		Y	Y	N	Y	2 <sup>nd</sup> Floor MCA Block	-
Faculty Rooms						4 Faculty rooms for 08. Scope in few labs. 2 <sup>nd</sup> Floor MCA Block	-
Lecture Rooms						2 nos. (Capacity ~100 each) 2 <sup>nd</sup> Floor MCA Block	-
Networking facility						Wired and Wireless LAN for Labs & Offices would be installed	



Allocation for Department of Computer Application (DCA):

(b) The remaining space including Conference Hall (15.6 x 12.3m), Seminar Room (4.4 x 6.2m), Seminar Room (5.9x6.1m), Seminar room (6.1 x 5.8m), Faculty room (3.0 x5.8m) and Room of size 6.0 x 6.0m) may be allotted to DCA.

The space/rooms temporarily allotted to IIIT Sonapat on 1<sup>st</sup> floor of MCA building be allotted to DCA, when spared.

(c) The facilities/Labs to be developed at 2nd floor for IT branch shall be mutually shared by DCA & IT as per requirement and availability of slots (Computer Engineering Deptt.).

The remaining un-allotted space/rooms on 2<sup>nd</sup> floor of SCoE building can be utilized for central facilities/labs and office space for faculty of various departments as and when need arises.

The Two lecture halls on 2<sup>nd</sup> floor of MCA block be designed/furnished for around 100 capacity. Also the capacity of Two lecture halls on 1<sup>st</sup> floor of the MCA block be increased to the extent possible.

Provisions for storage of surplus material will be taken care by the user deptt. in the building.

(d) The above space allocation has been exercised to meet the requirements of increased UG seats of CoE dept. and also allowing space expansion for DCA. However, this allocation may be revised if needed due to any functional/further requirement.

Item No.-2:

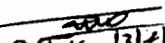
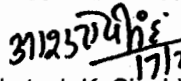
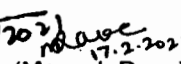
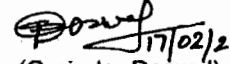
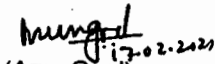
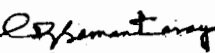
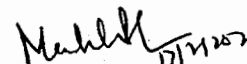
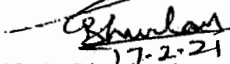
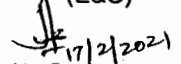
Any other item.

i) The SAC discussed regarding the space available (open to sky near the lift area) in MBA/MCA Block. It was proposed that this open space may be floored with cement concrete paver block for its proper utilization for the purpose of assembly/conference lunch etc.

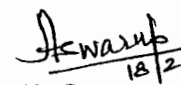
ii) The SAC discussed regarding any basic requirement regarding provision of electrical fitting & networking LAN fittings (Structural cabling). It was resolved that these requirements be spelled out by the concerned deptt. i.e. Computer Engg./ Deptt. of Computer Application so that the same be conveyed to CPWD for its execution alongwith on-going construction work after taking approval from the competent authority. If the provision for the same is not made in the DNIT.

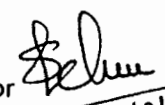
iii) The Space Allocation Committee discussed that the requirement of furniture & equipments in the additional space for forthcoming Academic Session 2021-22 onwards may please be drawn by the Computer Engg. Deptt. & Deptt. of Computer Application, so that these may be procured timely as per Institute procedure.

Meeting ended with a vote of thanks to the chair.

 S.N. Kaushik A. E. (Civil)	 (Ashutosh K. Singh) HoD, MCA	 (Mayank Dave) HoD, CoE.	 (Surinder Deswal) Prof. CED	 (Arun Goel) Prof. I/C (E&C)
 (G. R. Samantaray) Registrar I/C	 (Mahesh Pal) Dean (R&C)	 (Gain Bhushan) Dean (Acad.)	 (A. Swarup) Dean (P&D) & Chairman (SAC)	

Submitted for kind consideration & approval please.

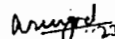
  
(A. Swarup)  
Chairman (SAC)

Director   
22/2/22

-246-

P11 (F&C)

Fac I/C (EE&C)  
A.E. CC)

  
22.02.22



NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

21

No. EO/3409/145

Dated: 01.03.2021

Subject: Minutes of Space Allocation Committee meeting held on February 17<sup>th</sup>, 2021.

This is with reference to the meeting of Space Allocation Committee (SAC) meeting held on February 17<sup>th</sup>, 2021 regarding considering the allocation of newly constructed space and requirements of Computer Engineering Deptt./Department of Computer Applications for the space utilization.

In this regard, a copy of the minutes of the meeting of SAC duly approved by competent authority of the Institute is enclosed herewith for your kind information and further necessary action.

*Prof. I/C (Estate & Construction)*

Prof. I/C (Estate & Construction)

HoD, Computer Engg.

HoD, Computer Application

HoD, Business Administration

Copy to:

1. A.E. (Civil)
2. Faculty I/C (E&C)
3. Dean (P&D) for kind information please
4. PS to Registrar for kind information of Registrar
5. AR to Director for kind information of the Hon'ble Director

-247-

DEPARTMENT OF COMPUTER ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

Diary No. 374

Dated: 09.04.2021

Dated: 09.04.2021

164

2021/295

Subject: Furniture Requirements for newly allocated space for Information Technology.

Please find attached herewith the details of furniture related items in the upcoming space allocated for Information Technology to the Department of Computer Engineering. An estimated budget requirement for these items is also indicated.

It is requested that the procurement and installation of these items may be completed by the time of handover of the blocks. The estimated budget mentioned above is already a part of the amount communicated to Prof. Surinder Deswal for FY 21-22 and FY 22-23.

Submitted, please.

Head of Department  
9/4/2021

Dean (P&D)

12/4/21

Prof. I/C (Estate & Construction)

for I/C (E&C)

Mungol  
13.04.2021

A.E.C.C.

Pl. communicate the same to CPWD as decided by the authority.

Encl.:

1. Details of Required Furniture
2. Specifications of fixed computer table furniture.
3. Maps of the Buildings.

SS(A)/E&C

15/4/21

15/4/2021

15/4/21

		FY 2021-22														FY 2022-23									
Sl. No.	Room Name	Room Area (in Feet)	Podium	Open Rack- 4 shelves	Book Shelf- 4 shelves	Steel Almirah- 4 shelves	Sofa Set and HOD Chair/ 3 x 4 ft Tables	Magnetic White Board- 5 x 10 / 5 x 6 ft	Aluminium partition- With Door	Key Holder Box- 21 Hooks Wall Mounted	Student Chair (Steel)- Laminated Plywood writing Pad	Student Desks/ Bench- Alongwith provision of plug point per seat	Comp. Table Flexible	Comp. Table Fixed	Computer Chairs- Revolving with arms	Faculty Table for Labs	Faculty Table for Rooms	Faculty / Visitor Chair	Blinds/ Curtains	Open Rack- 4 shelves	Pigeon-hole Mailbox- 50 boxes	Computer Chairs- Revolving with arms	Faculty Table for Labs	Faculty Table for Rooms	Faculty / Visitor Chair
	R1 Lab 1	30 x 19		1		1		1	1				2	1	30	1		5	1	0		0	0		0
	R2 Server Room	11 x 19				1							2		4	1			1			0	0		
	R3 Conf. Room	28 x 30	1					2			50		1		1				1			0	0		
	R4 Lab 2	42 x 19		0		1		1						1	0	0	0		0	1	1		45	1	5
	R5 Lab 3	40 x 19		0		1		1	1					1	0	0	0		0	1	1		45	1	5
	R6 UPS Room	20 x 20							1										1						
	R7 Lecture Hall 1	42 x 30	1*					0				0							0						
MCA	R9 HOD Room	20 x 19			1	1	1	2	1				2		2		2	6	1				0		1
Block	R10 Office	10 x 14		1		2		2	1	1			2		4	2		2	1	0			0	0	0
	R11 Store Room	20 x 10		2		2							1		1	1		2	1	0			0	0	0
	R12 Lecture Hall 1	20 x 10		1		1		1				0			2		1	4	1					1	0
	R13 Lecture Hall 2	42 x 30	1*					0											0						
	R14 Faculty Room 2	20 x 10			1	1		1					2		2		1	4	1				0		1
	R15 Faculty Room 3	20 x 10			1	1		1					2		2		1	4	1				0		1
	Corridor																				1				
	S1 Central Facility	25 x 30		1		1		1					25		25				1	0			0		
SCOE	S2 Lab 1	25 x 30		1		1		1						1	44	1		5	1	0		0	0		0
Block	S3 Lab 2	25 x 30		1		1		1						1	72	1		8	1	0		0	0	0	0
	S4 Faculty Room 1	20 x 17			1	1		1					2		2		1	4	1			0	0	0	0
	S5 Faculty Room 2	20 x 17			1	1		1					2		2		1	4	1			0	0	0	0
	Quantity	3	7	6	17	1	11	16	2	1	50	0	43	5	193	7	6	48	18	2	1	90	2	4	10
	Estimated Budget (in ₹)	25000	84000	90000	425000	150000	88000	240000	200000	7000	400000		301000	800000	1351000	84000	240000	384000	216000	24000	40000	630000	24000	160000	80000

Not included in estimated budget

\*. Not included in estimated budget

6043000 + 1327620 = 7370620

Ans  
above

-6462

## **Fixed Computer Table for IT Labs (R1, R2 and R3) on the second floor of MCA Block**

Fixed computer tables fabricated out of commercial quality plywood (thickness 0.75 inch or above) with at least 0.8 mm good quality mica with teakwood beading and polish wherever required.

**There will be three rows, two along the wall and one in the center having following specifications:**

- Plywood for placing Monitor and CPU should be of size (width 16 inch, length 265 ft).
- Plywood for placing the keyboard and mouse should be of size (width 24 inch, length 265 ft).
- There should be a vertical support of size (length 16 inch, height 4 inch) in the form of plywood strips 30 inch apart (which will act as a partition for each computer) between upper and lower plywood.
- Steel frame with legs (height 27 inch) of type MS angle 40 x 40 x 6 mm<sup>3</sup>. It should be painted with rust proof coating and black paint.
- There should be a vertically placed plywood board of size (width 16 inch, length 265 ft) behind the Monitor and CPU for placing two channels one each for housing UTP cable and electrical wires at the rear of the board and for placing 3 x 5A socket boards and I/O nodes at the front of the board.
- There should be a circular hole of 3 inch on top of the table for passing necessary wires.

### **Terms and conditions**

1. The laminated plywood board used should be termite-proof and water-proof.
2. Samples of mica, plywood and channels to be fitted should be shown to the concerned person in the department before fixing.
3. Please feel free to visit Computer Engineering Department laboratories before initialisation the work.

*For Dave*

DEPARTMENT OF COMPUTER APPLICATIONS  
NATIONAL INSTITUTE OF TECHNOLOGY, KURUKSHETRA

No. DEA/2021/216

Diary No. 654

Dated: 12.07.2021

Subject: Furniture Requirements for newly allocated space for Computer Applications.

Please find attached herewith the details of furniture related items in the upcoming space allocated for the Department of Computer Applications.

It is requested that the procurement and installation of these items may be completed by the time of handover of the blocks. Specification of all items will be same as proposed by Computer of Engineering Department.

Submitted, please.

3125748  
12/7/20

Head of Department

Defn (P&D)

J  
13/7/21

Prof. I/C (Estate & Construction)

Encl.:

1. Details of Required Furniture

merged  
13.07.2021

For HC (E&C), For HC (EM&T)

A. S. (C)  
Pl. communicate  
the same to CPWD  
Deepak  
13/7/21

ES (A)  
S  
13/7/21  
13/7/2021

Name of Room	Area of Room	Podium	Open Rack-4 shelves	Book Shelf-4 shelves	Steel Almira-h-4 shelves	Notice Board-3 x 4 ft	Magnetic White Board-5 x 10 / 5 x 6 ft	Key Holder Box-21 Hooks Wall Mounted	Student Desks / Bench-Alongwith provision of plug point per seat	Comp. Table Flexible	Comp. Table Fixed	Computer Chairs-Revolving with arms	Faculty Table for Labs	Faculty Table for Rooms	Faculty Visitor Chair	Blinds / Curtains	Pigeon-hole Mailbox-30 boxes
Conference Hall	15835 x 12320	1	0	0	2	3	3	0	60	20	0	20	2	0	6	1	0
Faculty Room	3035 x 5830	0	0	1	1	1	1	0	0	2	0	2	0	1	4	1	1
Seminar Room Lab 2	6155 x 5830	0	1	0	1	1	1	0	0	20	0	20	1	0	4	1	0
Seminar Room Lab 3	5945 x 6150	0	1	0	1	1	1	0	0	15	0	15	1	0	4	1	0
Seminar Room Lab 4	4445 x 6235	0	1	0	1	1	1	0	0	10	0	10	1	0	4	1	0
Room Lab 5	6040 x 6055	0	0	1	1	1	1	1	0	25	0	25	1	0	4		0
Room no 4 in SCOE Block	-----	0	1	0	1	1	1	0	0	0	45	45	1	0	4	1	0
		1	4	2	8	9	9	1	60	92	45	137	7	1	30	6	1

-252

312371463  
12/7/2021

**ELECTRICAL MAINTENANCE SECTION  
NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA**

No. EM/NITK/2021/473

Date: 05.07.2021

**Subject: Regarding the additional requirement if any, in the work of "Provision of pre-fab construction of 2<sup>nd</sup> floor over the Old MBA Block (New workshop Building) for Civil & Electrical and Air-conditioning works".**

With reference to the subject cited above, it is requested to kindly send the electrical and networking items requirements if any, in the space allotted to your department at the earliest, so that the same may be sent to CPWD for further necessary action.

*hungerd*  
05.07.2021  
Prof. I/C (E & C)

**HOD (Department of Computer Applications)**

**Copy to:-**

1. Dean (P & D) for Information.
2. SS to Registrar for kind information of Registrar.
3. AR to Director for kind information of the Hon'ble Director.



**Subject: Minutes of the meeting of Estate Affairs Committee held on 13.07.2021 in the Board Room, Golden Jubilee Administrative Building under the Chairmanship of Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.**

A meeting of Estate Affairs Committee was held on 13.07.2021 at 10:00AM onward in the Board Room, Golden Jubilee Administrative Building to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. A.Swarup, Dean (P&D)                | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Dr. H.D. Chalak, Faculty I/C (E&C)        | Special Invitee   |
| 8. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. To discuss regarding Action Taken on previous meeting was held on 29.01.2021

The detailed discussion on action taken is enclosed as per Annexure-I

2. To discuss the request received from HoD, Physics Deptt. regarding the set up of Lab in Room No. A-305 alongwith tentative drawings of the proposed lab.

The request received from HoD, Physics Deptt. vide letter No. Ph/ 2021/ 1215 dated 05.03.2021 regarding the set up of Lab in Room No. A-305 was put up before the EAC. The EAC discussed that the request is not routed through DAC without mentioning the specific reasons for conversion of Room No. A-305 into Lab. Further the committee resolved that such type of requests may be returned to concerned HOD with the remarks that same should be routed through DAC by giving specific purpose/ requirements duly approved by the competent authority.

To discuss the preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT

The preliminary cum detailed cost estimate for amounting to Rs. 23,16,06,500/- submitted by Executive Engineer (P), CPWI, Chandigarh, vide F.No. 23(86)/ADG(RC)/EE(P)2065 dated 07.07.2021 for the provision of internal & external finishing i.e. distempering & painting including minor & major repair in the Boys Hostel No. 1-3 & 7-10, Girls Hostels 1- 4 and Staff Quarters including BT/CT was put up before the EAC. The EAC discussed in detail & deliberated on the matter and recommended that the preliminary cum detailed cost estimate of Rs. 23,16,06,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 4 To discuss a request received from Faculty I/C (H&L) Regarding to provide some facilities at Eco Point like Drinking water for students and staff as the summer season is started and electrical connection is also required for security persons.

A request received from Faculty I/C (H&L) on dated 16.03.2021 regarding provision of some facilities at Eco Point like drinking water for students and staff as the summer season is started and electrical connection is also required for security persons was put up before the committee. The Estate Affairs Committee discussed & deliberated on the matter. After detailed discussion, the EAC recommends that the item may be dropped for the time being, till extension of water supply line.

- 5 To discuss a request received from Faculty I/C (H&L) for providing Water Hydrant for various locations in the Institute for an estimated cost of Rs. 1,87,856/-

The request of Faculty I/C (H&L) for providing Water Hydrant at various locations in the Institute with a cost estimate of Rs. 1,87,856/- was put up before the

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

committee. The Estate Affairs Committee discussed and deliberated on it. The EAS is of the opinion that the provision of new Hydrants may affect the pressure of water supply lines catering drinking water to the Hostels, Academic & Residential Areas.

During discussion it was also apprised to the EAC about the work of water distribution network for making the re-use of treated water for horticulture and flushing in 600 seater girls hostel and 300 seater multi-purpose boys hostel as well as for the horticulture purpose in the campus which is already been approved by B&WC in its 25th meeting held on 27.5.2019, FC in its 41<sup>st</sup> meeting held on 20.6.2019 and BOG in its 50<sup>th</sup> meeting held on 20.06.2019 for an amount of Rs. 1,01,24,100/-.

Further the committee recommends that the above approved work may be executed so that treated water from the STP may be utilized for Horticulture & landscaping and other purposes (including construction of storage tanks) etc. may be taken up in future.

- 6 To discuss a preliminary cost estimate amounting to Rs. 2,04,75,500/- for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.

The preliminary cost estimate amounting to Rs. 2,04,75,500/- received from Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/414 dated 16.4.2021 for the provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to H.No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawala girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 2,04,75,500/- for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 7 To discuss a preliminary cost estimate amounting to Rs. 36,16,000/- for the construction of boundary wall around hostel no. 5 & 6.

The preliminary cost estimate amounting to Rs. 36,16,000/- received from Executive Engineer (Civil), CPWD Karnal Vide No. 20(NIT) PS/CD/2021/720 dated 9.4.21 for the construction of boundary wall around hostel no. 5 & 6 was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 36,16,000/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 8 To discuss a preliminary cost estimate amounting to Rs. 2,08,12,900/- for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court

The preliminary cost estimate amounting to Rs. 2,08,12,900/- received from Executive Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SE-K/2021/421 dated 19.4.21 for the construction of Lawn Tennis Court including widening and renovation of existing the Lawn Tennis Court was put up before the EAC meeting. The EAC discussed and recommended that the Preliminary Cost Estimate of Rs. 2,08,12,900/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval.

- 9 To discuss the Preliminary cost estimate amounting to Rs. 2,15,55,200/- for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work)

The preliminary cost estimate amounting to Rs. 2,15,55,200/- received from Superintending Engineer office vide letter no. 23(NIT-KKR)/SE- Karnal /2021/524 dated 08.06.2021 for the work of construction of shed for covering the sports complex stair at NITK (civil & electrical work) was put up before the EAC meeting. The EAC discussed and recommended that the preliminary Cost Estimate of Rs. 2,15,55,200/- as submitted by CPWD for the above said work may be put up before the ensuing B&WC meeting for necessary approval

In B&WC meeting;  
background/req.  
of the project  
should be given  
to the staff of  
this institute

Head of  
the institution  
should be

2025

10 Any other item:

Further, the water availability/supply issue has been discussed. In this regard it was apprised the water table is lowering day by day due to scarcity/overuse of ground water. The water table of Tubewell No. 5, 6 and 9 getting lowered day by day due to scarcity of ground water. At present the depth of water level is about 150-160 feet and the Tubewell No. 5 is about to be abandoned due to damage of the bore well. Further, the matter regarding implementing the intermittent water supply in the Institute was also discussed.

It was decided that before implementation of intermittent water supply in the Institute Campus, the requirement of storage in the Hostels, Academic Buildings and Residential Area may be explored by the Estate Section. Further, EAC recommends that the matter regarding provision of installation of new tubewells alongwith the capacity of overhead storage tanks as per present and future needs may be taken up with the CPWD. After finalization of the final demands of water in Hostels, Academic Buildings and Residential Area may be incorporated in the Master Plan of the Institute. The plan may be prepared in various phases for implementation.

Submitted for kind consideration & approval please,

*[Signature]*  
Faculty I/C (S&C)

*[Signature]*  
Faculty I/C (E&C)

*[Signature]* 14.07.21  
Professor- I/C (E&C)

Dean (P&D) & Chairman (EAC)

Registrar I/C *[Signature]* 15/07/21

Director Please discuss.

Dean P&D Discussed.

The Estate Affairs Committee Minutes/Recommendations above are summarized below for consideration please.

(a) Routine items no.: 1, 2, 10

(b) New Works for which CPWD estimates were obtained after approval of works and items - 3, 5, 6, 7, 8 and 9.

Director *[Signature]* 13/8/21

*[Signature]* 13/08/21

Dean (P&D) 256

*[Signature]* 13/8/21

Fac I/C (E&C)

*[Signature]* 13/8/21

*[Signature]* 16/08

*[Signature]* 13/8/21

*[Signature]* 13/8/21

*[Signature]* 16/08

Registrar Office

Dairy No. 940

On 15.07.21

D(P&D)/197  
13/8/2021

1122  
13.8.21

Agenda No.	Item	Recommendations of EAC	Action Taken
1 EAC Jan. 2021	To discuss regarding	Action Taken on previous meeting was held on 29.01.2021	
2 EAC Jan. 2021	To discuss the requests received from various Departments regarding provision of space in the proposed G+5 Building for workshop, Labs for various Departments and Faculty Rooms at NIT, Kurukshetra.	The requests received from various departments regarding provision of space requirement for new building i.e. Labs, Lecture Halls, Seminar Halls, Tutorial Rooms, Faculty Rooms, Storage space, Departmental Library and other utilities i.e. washroom etc. the request for space requirement of labs & office area at par with existing workshop area, new CNC Lab and expansion of other labs were put up before the committee. The Estate Affairs Committee discussed regarding the space requirements of various departments and deliberated on the matter. After detailed discussion the EAC recommends that a multi-storeyed Academic Building is required consisting of Faculty Offices, Class Rooms, Labs, Lecture Hall, Seminar Hall, Tutorial Room and other utilities i.e. storage and washrooms including more permissible floors etc., existing labs, new Labs, CNC lab & Office area of Workshop. The provision of space for workshops and heavy machinery labs may be made at ground floor only. Accordingly, CPWD may be requested to propose a multi-storeyed Academic Building in consultation with Chief Architect CPWD and also submit the conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for	The requirement has been sent to CPWD for submission of conceptual drawings alongwith the proposed location in the Master Layout Plan of the Institute. Further, EAC also resolved that Chief Architect CPWD may be requested to make a Power Point Presentation in the Institute for proposed multi-storeyed Academic Building. Power Point Presentation & Conceptual architectural drawings are still awaited from CPWD.

257  

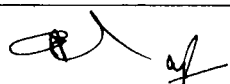
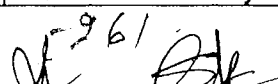
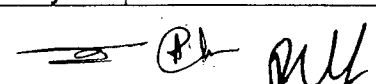

		proposed multi-storeyed Academic Building.	
3 EAC Jan. 2021	To discuss the request received from HoD (Civil) vide no. CED/47 dated 09.01.2020 regarding fixing of Kota Stone on the floor in various lab of Geotechnical Section, Civil Engg. Deptt.	This agenda item is clubbed in the Agenda item no. 5.	This agenda item is clubbed in the Agenda item no. 5 in earlier meeting held on 29.01.2021. Further the case has already been recommended to put up in the ensuing B&WC.
4 EAC Jan. 2021	To discuss a Preliminary Cost Estimate of Rs. 2,60,94,700/- received from the office of Superintending Engineer (Civil) through Assistant Engineer (Civil), CPWD Karnal vide letter no. NIT-KKR/SEK/2020/932 dated 28.12.2020 for Covering the Open Air Theatre at NIT, Kurukshetra	The preliminary cost estimate of Rs. 2,60,94,700/- for the work of covering the Open Air Theatre was discussed in detail & deliberated in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.	The Cost Estimate will be put up before the ensuing B&WC meeting for necessary approval.
5 EAC Jan. 2021	To discuss the Preliminary Cost Estimate of Rs. 2,84,68,412/- received from the Superintending Engineer (Civil), CPWD, Karnal vide letter no. NIT-KKR/SEK/2020/511 dated 20.08.2020 for the work of Providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. in the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. at NITK	The preliminary cost Estimate of Rs. 2,84,68,412/- for the work of providing and fixing of vitrified tiles, false ceiling, aluminium partitioning, kota stone, chemical/acid resistant tiles and G.I. sheet shed etc. In the various departments i.e. ECE, School of material science and technology, MED, Physical Education & sports section, CAD, Physics department, school of VLSI design & embedded system, central workshop, CED and Chemistry department etc. including Agenda at item No. 3 was discussed in detail in the EAC meeting. The EAC resolved and recommended that the Cost Estimate may be put up before the ensuing B&WC meeting for necessary approval.	The Cost Estimate will be put up before the ensuing B&WC meeting for necessary approval.

258- N [Signature] [Signature]

6 EAC Jan. 2021	<p>a) To discuss regarding the provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs &amp; transportation from one building to another at various locations in the existing Academic Buildings.</p> <p>b) To discuss regarding ramps, walking aids &amp; specially designed toilets etc. for PwD persons at various locations in the existing Academic Buildings.</p>	<p>The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the tentative proposed locations of lifts duly approved by the competent authority of the Institute may be sent to CPWD to submit the feasibility &amp; structural stability report alongwith cost estimate for:</p> <p>a) Provision of installation of lifts alongwith the facilities for physically challenged students i.e. Lifts including wheel chairs &amp; transportation from one building to another including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.</p> <p>b) Provision of ramps, walking aids &amp; specially designed toilets etc. for PwD persons including other requirements as per the CPWD norms at various locations in the existing Academic Buildings.</p>	<p>A letter has been sent to CPWD to submit the feasibility &amp; structural stability report alongwith cost estimate. Soft/hard copies of drawings of LHC 12 nos., LHC 6 nos. Computer Engg. &amp; Examination Hall has been sent to CPWD as requested. The cost estimate not received in this office till date.</p>
7 EAC Jan. 2021	To discuss the widening of roads between BB, BC & CB Type houses	<p>The matter regarding widening of various roads between BB, BC &amp; CB Type houses by providing cement concrete paver blocks was discussed in detail in the Estate Affairs Committee. The EAC resolved and recommended that the work may be executed from the savings of the work of widening of various roads in the Institute. CPWD may be asked to include this additional work in the A/A &amp; E/S already conveyed for the work of widening of various roads in the Institute.</p>	<p>A letter has been sent to CPWD to include this additional work in the A/A &amp; E/S already conveyed for the work of widening of various roads in the Institute.</p>
8 EAC Jan. 2021	To discuss the request received from the Girl's Hostel regarding reimbursement of electricity bill.	<p>The matter was discussed in detail in the EAC meeting. The EAC resolved and recommended that the request received from the Girls Hostel through Chief Warden (Girls) may be forwarded to Dean (SW) for consideration &amp; comments for all the hostels as per existing policy of the Institute.</p>	<p>A letter has been sent to Dean (SW) for consideration &amp; comments for all the hostels as per existing policy of the Institute.</p>

9 EAC Jan. 2021	To discuss the request received from HoD Elect. Engg. Deptt. regarding the installation of 40 KW Solar of Grid Plant at the roof top of Elect. Engg. Deptt.	The request was discussed in detail in the EAC meeting. The EAC resolved and recommended that the proposal may be allowed subject to the condition that no extra civil works will be executed on the proposed site including permanent staircase and no extra space will be allocated for the said purpose. The installation and electrical maintenance will be taken care by the Deptt. However, the generated electrical power may be utilized by the deptt. in addition to the research/lab. HoD will ensure the safety of students and working personnel at his own risk and responsibility	This item was recommended by the EAC in its earlier meeting. However, the same was not approved by the Competent Authority.
10 -14 EAC Jan. 2021	Regarding to submit the cost estimated for various works 1. Provision of Internal & External finishing i.e. distempering & painting including minor & major repairs in the Boys Hostel No. 1 - 3 & 7 - 10, Girls Hostels 1 - 4 and Staff Quarters including BT/CT Type. 2. Renovation/upgradation including Civil, Electrical, Audio System and furniture works in the Jubilee Hall. 3. Construction of shed for covering the sports complex stairs. 4. Provision of shed for parking for four wheelers only in the existing parking near NIT Market Complex. 5. Construction of 3 nos. Synthetic Tennis Courts with light facility etc. by dismantling the exiting Tennis Court.	The works mentioned at item no. 10,11,12,13 & 14 were discussed in detail in the EAC meeting. The EAC resolved & recommended that such type of items may be put up before the EAC after receiving the cost estimates from CPWD.	The Cost Estimate of items at sr. no. 10, 12 & 14 received from CPWD. The same has is put up in this meeting vide item no. 3, 8 & 9.  The Cost Estimate at sr. no. 13 has already been approved by B&WC, FC & BOG.  Cost estimate is still awaited from CPWD. In this regard EAC resolved that the enabling estimate received from CPWD, be sent to Accounts Section for comments regarding to release the payment for enabling estimate for the work of renovation of Jubilee Hall.
15 EAC Jan. 2021	Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 Regarding Structural Stability, Economical Repair,	In this regard the EAC was apprised that the CPWD was intimated vide letter no. CC/3581/440/3135 dated 29/30.09.2020 & CC/3581/13/106 dated 06.01.2021 for Investigation/	A meeting of Special Committee may be plan.

	Type of ways of Repairs and any other suggestions, which CPWD deems fit.	<p>Inspection of Staff Quarters regarding Structural Stability, Economical Repair, Type of ways of Repairs and any other suggestions, which CPWD deems fit.</p> <p>In this regard the CPWD has submitted a report vide letter no. 20(NIT)PS/KC/ 2020/134 dated 16.01.2021 and the conclusive part of the report is reproduced below:</p> <p><i>"In this regard, it is hereby intimate that for detailed report a detailed technical/structural audit of the building is required from some pioneer technical institution like IIT's/NITs which perform all the destructive/non destructive testing of the building structures. CPWD does not do a structural audit as no means/testing facilities are available to perform such audit. It is, therefore, requested to get the detailed structural audit/technical audit from some external agency or it can be done by your good self also as CPWD is getting many testing of its own works from NIT Kurukshetra and only then a point-wise detailed report can be prepared".</i></p> <p>The EAC discussed the letter in detail. The EAC resolved &amp; recommended that since the matter has already been taken up by a special committee duly constituted by the competent authority, this matter may be referred to the same committee for further consideration.</p>	
16 EAC Jan. 2021	Provision of shed and flooring in the Open courtyard between G-102 and boundary wall of Non-Teaching Club.	The matter was discussed in detail in the EAC. The EAC resolved and recommended that the construction of shed in the open courtyard between G-102 and boundary wall of Non-Teaching Club <u>is not feasible due to aesthetic point of view</u> . However, committee recommended that the flooring in the open courtyard may be provided with <u>suitable material</u> which is available in the Estate Store.	The shed between G-102 & Boundary wall non-teaching Club has been provided and estimate of flooring is in progress.
17 EAC Jan. 2021	Construction of Boundary Wall around Hostel No. 5 & 6.	The matter was discussed in detail in the EAC. The EAC resolved and recommended that the boundary wall may be	Cost estimate of Rs. 36,16,000/- has been received from CPWD and the same is put



		constructed partially towards East & West side of the safety and stopping the trespassing of that area. The CPWD may be requested to submit the cost estimate.	up in this meeting vide item no. 7
✓ 18 EAC Jan. 2021	Provision of dustbins, road of 6' wide on the East side of Hostel no.-5 and additional toilets in the bearer barracks.	The matter was discussed in detail in EAC. The EAC was apprised that as per norms dustbins, road 6' wide and additional toilets have already been provided in bearer barracks. Hence EAC resolved and recommended that additional dustbins, toilets and 6' wide road would not be required. These additional dustbin will disturb the surround aesthetic.	Further action is not required
≡ 19 EAC Jan. 2021	Provision of Inter locking paver blocks on ECO track from West side of Oxidation Pond to Near MBA/MCA Block, from main gate of STP to House No. CA-7 along the boundary wall, STP main gate to South West corner of the Kalpana Chawala Girl's hostel and South West Corner of the Kalpana Chawla girl's Hostel to main boundary wall of the Institute towards west along the main storm water drain.	The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be written to CPWD for submission of cost estimate of the proposed work.	Cost estimate of Rs. 2,04,75,500/- has been received from CPWD and the same is put up in this meeting vide item no. 6
+ 20 EAC Jan. 2021	To discuss regarding structural stability and economical repairs in the Guest House.	The matter was discussed in detail in the EAC. The EAC resolved and recommended that a letter may be sent to CPWD for providing a report on structural stability & economical repairs of the Guest House.	A letter has been sent to CPWD for providing a report on structural stability & economical repairs of the Guest House. No reply received in this regard till date. Further, a reminder may be issued to CPWD to expedite in the matter.
21 & 22 EAC Jan. 2021	Provision of furniture for additional floor over the existing building of MBA/MCA Department Provision of furniture	The matter regarding provision of furniture items in additional floor over the existing building of MBA/MCA Department & 2nd floor over Old MBA Block (New Workshop Building) was	Requirement of furniture has been received from HoD, Co.E and the same has been conveyed to CPWD vide letter

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*[Handwritten signatures and marks]*

	for 2nd floor over Old MBA Block (New Workshop Building).	discussed in detail in the EAC. The EAC resolved and recommended that firstly requirement of furniture items may be obtained from the concerned Head of Departments, so that after compilation the same may be put up in the EAC meeting.	no.CC/3551/239/1634 dated 26.04.2021. Requirement for furniture of Computer Application Deptt. is received. The same will be conveyed to CPWD.
23 EAC Jan. 2021	To report saving by installation of rooftop Solar Power Plant since last EAC meeting.	The matter regarding reporting in saving by providing a roof top solar Power Plant was discussed in the EAC Meeting. The AE (Elect.) apprised that the total saving by installation of rooftop Solar Power Plant from January-2020 to December -2020 is <u>Rs. 60,82,769/-</u> .	Report from January-2021 to March-2021 will be put up in this meeting.
24 EAC Jan. 2021	Any other item:	Under any other item the EAC was apprised that the existing shutters in the HT/LT Sub-Stations and metering room are deteriorating over a period of time. It was also apprised that the matter has also been explored from the local market that huge expenditure is required for their repair work. The EAC discussed the matter in detail and resolved that the <u>existing shutters in the HT/LT Sub-Stations and metering room be replaced with suitable arrangement of these shutters</u> at a minimum expenditure on buy back basis. The work may be executed by Estate Section.	The matter regarding repair & replacement of existing shutters in the HT/LT Sub-Stations, metering room & hostel no.-10 has been explored from local market and the cost estimate is in progress by Estate Section.










NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

17

No./CC/3550/238/1633

Dated 26.04.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Regarding to submit the cost estimate alongwith detailed specifications for the electrical items required in the work of "Provision of Pre-fab construction of 2nd floor over the Old MBA Block (New Workshop Building) for civil & electrical and air conditioning works".

This is to inform you that the requirement of furniture & electrical items in the additional space for newly allocated for Information Technology to the Department of Computer Engineering. The list of furniture & electrical items is enclosed herewith.

Now, it is therefore, requested to submit the cost estimate alongwith detailed specifications of the furniture & electrical items for the above said work as cited in the subject. It is also requested that CPWD may ensure that regarding expenditure for providing furniture & electrical items in the SCOE Block will be met out from the A/A & E/S already conveyed.

This is for your information and further necessary action please.

This may please be treated as most urgent.

*Munshi*  
23.04.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil), NITK
2. Faculty I/C (E&C)
3. Faculty I/C (EM&T)
4. Dean (P&D) for kind information please
5. Assistant Engineer (Civil.), CPWD, NIT Camp office
6. Assistant Engineer (Elect.), CPWD, NIT Camp office
7. Executive Engineer (Elect) CPWD, 208-D, HSIIDC, Sector-3, Karnal-132001
8. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
9. PS to Registrar for kind information of the Registrar
10. Assistant Registrar to Director for kind information of the Hon'ble Director

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ESTATE SECTION  
NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA - 136119

No./CC/3550-3551/ 402 | 2373

Dated 20.07.2021

To

The Executive Engineer (Civil)  
CPWD, NDRI Campus, Near State Bank of India,  
Karnal-132001

Subject: Submission of the cost estimate alongwith detailed specifications for the furniture required in the work of:  
(i) "Construction of Additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-feb construction".  
(ii) Provision of Pre-feb construction of 2nd floor over the Old MBA Block (New Workshop Building) (SCoE)

Reference: Letter no. CC/3550/238/1633 & CC/3551/239/1634 dated 26.04.2021

Please refer to this office two letters under reference vide which the requirements for furniture & additional electrical items of Computer Engineering Department for newly allocated space at 2nd floor of MBA/MCA & 2nd floor over the Old MBA Block (SCoE Building) were communicated.

Now, the requirements of furniture items (as per list enclosed) of Computer Application Department for newly allocated space at 2nd floor of MBA/MCA & 2nd floor over the Old MBA Block (SCoE Building) is being conveyed to you.

Further, it is requested to submit the consolidated cost estimate alongwith detailed specifications of furniture items for the above said works as cited in the subject for both the Departments i.e. Computer Engineering Department & Computer Application Department.

It is also requested that CPWD may ensure that expenditure for providing furniture items at the 2nd floor of MBA/MCA & 2nd floor over the Old MBA Block (SCoE Building) may be met out from the already conveyed A/A & E/S of the respective works as cited in the subject.

This is for your information and further necessary action please.

DA: List of furniture (Page 1)

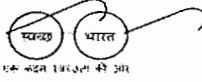
*Winged*  
20.07.2021

Prof. I/C (Estate & Construction)

Copy to:

1. A.E. (Civil), NITK
2. Faculty I/C (E&C)
3. Dean (P&D)
4. Assistant Engineer (Civil)., CPWD, NIT Camp office
5. Superintending Engineer (Civil), CPWD, Karnal, HAFED Office Building, 2nd Floor, SCO 19-20, Sector-12(Part-I), Karnal-132001
6. PS to Registrar for information of the Registrar
7. Assistant Registrar to Director for kind information of the Hon'ble Director

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भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय लोक निर्माण विभाग  
CENTRAL PUBLIC WORKS DEPARTMENT

ESTATE SECTION

Diary No. 963

Dated. 24/9/21



कार्यालय अधीक्षण अभियन्ता- करनाल  
हैफेड ऑफिस बिल्डिंग, द्वितीय तल,  
एस.सी.ओ.-19-20, सेक्टर-12 (पार्ट-1)  
करनाल-132001

Office of Superintending Engineer - Karnal  
Hafed Office Building, 2<sup>nd</sup> Floor,  
S.C.O.-19-20, Sector-12 (Part-1)  
Karnal-132001

संख्या - 23(NIT-KKR)/अधी.अभि.करनाल/2021/935-दिनांक : 23/09/2021

सेवा में,

✓ Prof. I/C (Estate & Construction)  
National Institute of Technology  
Kurukshetra

For I/C (E&C), For I/C (EM&T)  
A.S./C  
For necessary  
action M. may be put  
in E&C. Jy  
27/9/2021

विषय : (i) "Construction of additional floor over the existing building of  
MBA/MCA Department with conventional permanent  
construction instead of pre-fab construction" at NIT  
Kurukshetra..

SS(A)/JEC  
22/9/21

(ii) "provision of Pre-fab construction of 2nd floor over the OLD MBA  
Block (New Workshop Building) (SCOE)" at NIT Kurukshetra..

SH: Providing Furniture.

महोदय,

Please find enclosed herewith a Preliminary Estimate amounting to  
Rs. 1,85,21,300/- for above noted work for obtaining A/A & E/S of competent authority. The  
necessity for preparing the estimate has been explained in history part of the estimate.

It is, therefore, requested to accord and convey the administrative approval &  
expenditure sanction at the earliest.

This issues with the approval of Superintending Engineer-Karnal.

Encl : As Above

सहायक अभियन्ता-करनाल (सिविल)  
कार्यालय अधीक्षण अभियन्ता-करनाल  
के.लो.नि.वि. करनाल

प्रतिलिपि :-

1. कार्यपालक अभियन्ता (सि.) के.लो.नि.वि. करनाल ।
2. कार्यपालक अभियन्ता (वै.) के.लो.नि.वि. करनाल ।

266 सहायक अभियन्ता-करनाल (सिविल)

**GOVERNMENT OF INDIA  
CENTRAL PUBLIC WORKS DEPARTMENT**

State: Haryana

Branch: B & R

NAME OF WORK:

Division: KD

Sub-Division: KSD

(i) "Construction of additional floor over the existing building of MBA/MCA Department with conventional permanent construction instead of pre-fab construction" at NIT Kurukshetra..

(ii) "provision of Pre-fab construction of 2nd floor over the OLD MBA Block (New Workshop Building) (SCOE)" at NIT Kurukshetra..

SH: Providing Furniture.

MAJOR HEAD	MINOR HEAD	DETAIL HEAD
------------	------------	-------------

This preliminary cum detailed estimate has been framed by Er. Prashant Agarwal, Executive Engineer (Civil), Karnal Division and further processed in office of Superintending Engineer, CPWD, Karnal for the probable cost Rs. 1,85,21,300/-.

**REPORT**

**History:**

This preliminary estimate amounting to Rs. 1,85,21,300/- i/c 3% contingencies has been framed to cover the probable cost of the above mentioned work and to accord A/A & E/S by the competent authority. The requisition of the above mentioned work has been received from the Prof. I/C (Estate & Construction) vide letter no. CC/3550/238/1633 dated 26.04.2021 & additional requirement received vide letter no. CC/3550-3551/402/2373 dated 20.07.2021 (Copy enclosed). Hence this preliminary estimate for furniture item only without electrical items. The client department has asked to do this furniture work out of savings of both the above works. The reply has been send to client vide this office letter No. 20(NIT)/PB/KD/2021/1065 dated 09.06.2021 (copy enclosed) that this is a separate work for which separate A/A & E/S will be required.

**Design & Scope:**

**The following provisions have been made in this preliminary estimate:-**

Sr. No.	Description of Item	Quantity
1.	Podium dais	4
2.	Slotting angle racks 900mm (W) x 600mm(D) x 1800mm(H)	13
3.	Steel almirah with glass doors size of 915mm (W) X 485mm (D) X 1980mm (H).	7
4.	Steel almirah with sheet doors	25
5.	Wooden three seater sofa	1
6.	Wooden two seater sofa	1
7.	Corner wooden table 1200x600x450mm	1
8.	Modular Table 2000x2100x750	1
9.	High back chair	1
10.	Visitor Chairs	3
11.	Notice Board ,Surface Material - 0.8mm thick melamine coated sheet surface	20
12.	White Board	25
13.	Key Holdar	2
14.	Student/training room chair	110
15.	Moving-cum-folding table 1200x600x750	135
16.	Computer desk	50
17.	Mid back chair	330
18.	Modular table with an overall size 1800mm X 1650mm X 750mm	16
19.	Modular table with an overall size 2000mm X 1850mm X 750mm	11

20.	Visitor chair (Small)	88
21.	Pigeon hole rack of Capacity 18	2
22.	Mid back chair	90

2. No electrical provision taken which will be given by EE (E).

**Specification:** Work shall be carried out as per CPWD Specification 2019 Vol. I & II with up to date correction slip shall be followed.

**Obligations of the client department**

1. 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 (including Environmental clearance) whose approvals are required before taking up the construction work. These local bodies are independent organizations and CPWD has no control over them. 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.
2. CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
3. Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
4. The CPWD has no funds of its own for investing in the work. The client department 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. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
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 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 in addition to the payment made to the contractors for execution of work.
6. The client department will help CPWD in :-
  - a) Providing site for labour huts for the contractor's labour free of cost.
  - b) Providing free access to contractor's material and labour to the site of work.
  - c) Providing electricity connection for execution of work on payment of usual charges, and
  - d) Sanction and release of load from the concerned Electricity Board/Authority.

**I & P:** Shall be arranged by the contractor

**WC Establishment:** Shall be met out of contingencies.

**Land:** Available with client department.

**Rate:** Based on Market Rates.

**Method:** Through contract after call of tender.

**Time:** 06 Months (After receipt of A/A & E/S)

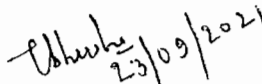
**Cost:** Rs. 1,85,21,300/-

**Note:-**

The cost and time of the project is liable to revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specifications etc., if so desired by the client at a later date. The execution of the work will depend upon the receipt of the funds through authorization or through allocation well in time during the financial years. **This preliminary estimate submitted by CPWD is valid upto one year from the date of submission of preliminary estimate.**

-Sd-  
Executive Engineer-Karnal  
CPWD, Karnal

  
Assistant Engineer (Civil)  
O/o SE-Karnal  
CPWD, Karnal

  
23/09/2021  
Superintending Engineer-Karnal  
CPWD-Karnal



### Original Estimate

Name of work :- (i) "Construction of additional floor over the existing building of MBA/MCA Department with conventional permanent construction instead of pre-fab construction" at NIT Kurukshetra.  
(ii) "provision of Pre-fab construction of 2nd floor over the OLD MBA Block (New Workshop Building) (SCOE)" at NIT Kurukshetra.  
SH: Providing Furniture.

SLNo	DSR No.	Description	Qty	Unit	Rate	Amount
1	MR	Providing, supplying and placing Podium dais is to be made out of 19 x 19 sq. CRCA pipe 18 G thick having a 3 step pedestal at base to impart elegance & rigidity to the dais. The frame to be clad with 18 mm thick prelaminated board. The height of the podium facing the speaker is 43" for a total front height of 48". The standing surface on top having a working area of 22" x 17" to be provided for addressing the audience; the 22" front edge of this board is post formed board. One shelf is provided below the top post formed surface for any accompaniment for use of the speaker/lecturer. A footrest is provided at 7" above the base for the comfort of the user. All metal components are powder coated and oven baked after proper pre-treatment.	4	Each	20558.55	82234.00
2	MR	Providing, placing and installing a slotted angle rack with an overall size 900mm (W) X 600mm (D) X 1800mm (H). The panel shall have 5 nos. of shelves made up of 0.8mm thick high yield strength CRCA sheet of grade 'D' confirming to IS: 513. CRCA slotted angle shall be supplied with 2mm thick having size 40mm X 40mm. All steel components shall be 40-60µ thick (DFT) powder coated after 7 tank pretreatment process flow. Corner plate (gussets) and fasteners shall be provided for complete assembly.	13	Each	16144.85	209883.00
3	MR	Providing, supplying and placing steel almirah. The overall size of the Almirah shall be 915mm (W) X 485mm (D) X 1980mm (H). The Almirah shall be supplied with 2 nos. of glass doors with 4 nos. of adjustable shelves i.e. 5 loading compartments. The glass used shall be 4mm thick clear. The shelves shall have folded constructions which have intrinsic rigidity and high load carrying capacity. Uniformly distributed load capacity of each shelf shall be 40 Kg maximum. Each rack shall be provided with stiffener at bottom for strength. The entire body panel and shelf shall be made of high yield strength 0.8mm thick and door 1mm thick CRCA sheet of grade 'D' confirming to IS: 513. The complete steel structure shall be constructed by welding and provide finishing with epoxy polyester powder coated to the thickness 40-50µ thick	7	Each	34612.70	242289.00

4	MR	Providing, supplying and placing steel almirah in perfectly upright and straight position. The overall size of the almirah shall be 915mm (W) X 485mm (D) X 1980mm (H) including legs. It should be supplied with 4 nos. of adjustable shelves i.e. 5 loading compartments. Door shall be made of 1mm thick and all other components shall be made of 0.8mm thick high yield strength CRCA sheet of grade 'D' confirming to IS: 513. Stiffeners shall be provided in shelf & door. The steel hinged door shall be provided with locking mechanism which is assembled with bolt arrangement. The shelves shall have folded constructions which have intrinsic rigidity and high load carrying capacity. Uniformly distributed load capacity per each shelf shall be 40kg maximum. The complete steel structure shall be constructed by welding and provide finishing with epoxy polyester powder coated to be thickness 40-60μ				
			25	Each	32870.45	821761.00
5	MR	Providing, supplying and placing three seater sofa that shall be constructed from natural hard wood and commercial plywood having inner frame. The thickness of the wood should allow for the heavy tension webbing. The sofa shall have spring attached and also be padded separately. The frame shall be padded with high resilience polyurethane foam having density 40Kg/m <sup>3</sup> in seat and 32Kg/m <sup>3</sup> in back. There shall be cushion arm provided padded with high resilience polyurethane foam having density 32Kg/m <sup>3</sup> . The complete structure shall be upholstered with leather tapestry 0.8±0.1 mm thick and 535 GSM. The understructure shall consist of SS 202 grade leg having Dia. 38mm. There shall be shoe provided at the bottom to avoid scratches on the floor. The seat size shall be 540±10 mm(D) X 1550±10 mm(W), seat height = 430±10 mm, overall width = 1950±10 mm, overall depth = 760±10 mm & overall height = 750±10 mm.				
			1	Each	110516.73	110517.00

6	MR	Providing, supplying and placing two seater sofa that shall be constructed from natural hard wood and commercial plywood having inner frame. The thickness of the wood should allow for the heavy tension webbing. The sofa shall have spring attached and also be padded separately. The frame shall be padded with high resilience polyurethane foam having density 40Kg/m <sup>3</sup> in seat and 32Kg/m <sup>3</sup> in back. There shall be cushion arm provided padded with high resilience polyurethane foam having density 32Kg/m <sup>3</sup> . The complete structure shall be upholstered with leatherite tapestry 0.8±0.1 mm thick and 535 GSM. The understructure shall consist of SS 202 grade leg having Dia. 38mm. There shall be shoe provided at the bottom to avoid scratches on the floor. The seat size shall be 540±10 mm(D) X 1050±10 mm(W), seat height = 430±10 mm, overall width = 1450±10 mm, overall depth = 760±10 mm & overall height = 750±10 mm.	1	Each	92920.00	92920.00
7	MR	Providing, supplying and placing corner table with an overall size 1200mm X 600mm X 450mm. The top of the table shall be made of 18mm thick Pre-laminated particle board of grade II of IS 12823. The top profile shall be in rectangle shape and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The understructure shall consist of SS 202 grade pipe frame with shiny chrome finish with an overall size the size 40mm X 20mm with 1.6mm thick. One nos. footstep shall be provided between the frame with same size i.e. 40mm X 20mm. There shall be PPCP shoe provided at the bottom to avoid scratches on the floor.	1	Each	15970.63	15971.00

- 8 MR Providing, supplying and placing Modular table in completely knock down conditions with an overall size 2000mm X 2100mm X 750mm that is to be assembled at site. The worktop shall be 43 mm thick having the combination of 18mm particle board as top and 25mm medium density fibre-board as base top. The top shall have the size 2000mm X 980mm with approved laminate and shade as well as deco paint. The profile shall be in rectangle shape with round front and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding and base top shall be in half round post forming with grooves. The top shall be supported on 75mm Peg mounted over side storage unit at one end and fixed pedestal unit at another end. The table shall be clad with 9mm thick modesty panel which provide structural support for the table having round profile in middle section and linear on both left and right with appropriate PVC edge banding connected with both end on side unit and fixed drawer with 25mm round spacer. The table shall have side unit for storage purpose with an overall size 1800mm X 500mm X 640mm.

It should be made up of Pre-laminated particle board of grade II of IS 12823 with top 25mm thick and other parts 18mm thick like shutter, back, facia, side panel etc. It shall have 2 drawer and 1 shutter. The drawer shall be operated with SS handle and easily close & open with the assistance of roller channel to enable smooth operation. The drawer shall have central locking mechanism in which all the drawer shall be synchronized locked with one single key. The side storage unit shall be mounted on 75mm Peg. A pedestal shall be provided with an overall size 500mm X 750mm X 640mm. The pedestal shall be made up of Prelaminated particle board of grade II of IS 12823. Pedestal side, back, facia shall be 18mm thick, top 25mm and drawer base shall be 9mm thick. The pedestal shall have 3 nos. of drawer. The drawer shall be operated with SS handle and easily close & open with the assistance of roller channel and central locking mechanism in which all the drawer shall be synchronized locked with one single key. The pedestal shall be mounted on 75mm Peg. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO-14001:2015 and ISO-18001:2007 certification. The board used should meet International Standard of quality,

9	MR	<p>Providing, supplying and placing high back chair. The seat shall be made of 15mm thick hot pressed commercial plywood padded with high resilience polyurethane foam 50mm thick having density 45kg/m<sup>3</sup> and the back shall be made of bright bar padded with high resilience polyurethane foam 50mm thick having density 45kg/m<sup>3</sup>. The same shall be upholstered with leather tapestry. The backrest of the chair shall be made by keeping the natural curvature of the spine with contour lumbar support as well as head support. The seat and back shall be arrested together with mechanism by means of powder coated HR steel spine and armrest shall be used Aluminium PU arm completely joint with seat. For seating durability the chair shall have synchro knee tilt 360 degree revolving mechanism having four position locking and tilt tension adjustment with anti shock feature. The pneumatic seat height adjustment for healthy seating, user can adjust seat height up to 65mm with BIFMA standard class-3 gas-lift to suit them using the lever under the seat. The gas-lift mechanism should be tested as per ANSI/BIFMA standard. The pedestal should have five legged die casted aluminium having pitch circle dia. 700mm fitted with 5 nos. twin wheel castor. The castor of the chair should be injection moulded in black 30% glass filled nylon</p> <p>The seat size shall be 510±10 mm(W) X 480±10 mm(D) and back size shall be 500±10 mm(W) X 720±10 mm(H) from seat. Overall height shall be = 1225±10 mm, base width/ depth = 760±10 mm</p>	1	Each	47911.88	47912.00
10	MR	<p>Providing, supplying and placing visitor chair for user comfort. The seat and back shall be made of hot pressed commercial plywood padded with high resilience polyurethane foam having density 40Kg/m<sup>3</sup> in seat and 32kg/m<sup>3</sup> in back. The same shall be upholstered with leather tapestry . The backrest of the chair shall be made by keeping the natural curvature of the spine for lumbar support with the assistance of cushion. The armrest shall be of chrome plated frame padded with cushion with leather covering on top. The frame structure shall be cantilever support type made up of MS/CRCA chrome plated pipe having cross section 40mm x 20mm. There shall be co-polymer polypropylene shoe provided at the base to avoid scratches on the floor as well as uneven surfacing. The seat size shall be 500±10 mm(W) X 500±10 mm(D) and back size shall be 490±10 mm(W) X 550±10 mm(H) from seat &amp; overall height = 960±10 mm, overall width = 600±10 mm &amp; overall depth = 670±10 mm.</p>	3	Each	28398.68	85196.00

11	MR	Providing, supplying and fixing of Notice Board ,Surface Material - 0.8mm thick melamine coated sheet surface covered with a green fabric for pin up. Core Material - 9 mm thick particle board. Adhesive - Best Quality Rubber Sparyable adhesive/VOC free white adhesive. Backing material - 0.8mm thick mica Rushil make. Aluminium Frame - Anodized extruded aluminium section designation 63400 as per IS:1285-2002. Spares - Chrome plated wall mounting bracket at all four corners fitted with aluminium rivets	20	Each	20500.48	410010.00
12	MR	Providing, supplying and fixing of White Board ,Surface Material - 0.8mm thick melamine coated sheet surface. Core Material - 9 mm thick particle board. Adhesive - Best Quality Rubber Sparyable adhesive/VOC free white adhesive. Backing material - 0.8mm thick mica Rushil make. Aluminium Frame - Anodized extruded aluminium section designation 63400 as per IS:1285-2002. Spares - Chrome plated wall mounting bracket at all four corners fitted with aluminium rivets.	25	Each	34333.94	858349.00
13	MR	Providing, supplying and fixing of key holder made of 18mm thick prelaminated board, size of the board shall be 900 mm x 600mm with pegs aligned in symmetrically to place the keys in aesthetical manner. The pegs shall be C shape made of SS Steel.	2	Each	6592.67	13185.00
14	MR	Providing, supplying and placing student/training room chair for user comfort. The seat and back shall be made of 15mm and 12mm thick hot pressed commercial plywood padded with high resilience moulded polyurethane foam 50mm thick having density 40kg/m <sup>3</sup> in seat and 40mm thick having density 32Kg/m <sup>3</sup> in back. The same shall be upholstered with fabric tapestry 0.6mm thick and 235 GSM and PVC lipping also provide with seat and back. The seat and back shall be arrested together with MS powder coated HR steel spine. The armrest shall be used black integral polyurethane arm completely joint with metal frame. The chair shall be supplied with folding writing pad made of 18mm thick particle board with 0.8mm edge lipping. The frame structure shall be cantilever support type made up of MS/CRCA powder coated with 50-60μ (DFT) thick round pipe of dia. 25.4mm with 2mm thick. There shall be PPCP shoe provided at the base to avoid scratches on the floor. The seat size shall be 460±10mm (D) X 475±10mm (W) and back size shall be 450±10mm (W) X 410±10mm (H) from seat. Overall height shall be = 820±10 mm, overall depth = 665±10 mm & overall width = 540±10 mm.	110	Each	8943.55	983791.00

-15 MR Providing, supplying and placing moving-cum-folding table with an overall size 1200mm X 500mm X 750mm. The worktop shall be made up of 25mm thick Pre-laminated particle board of grade II of IS 12823 with approved laminate and shade. The profile shall be in rectangle shape with round corners and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The table shall be clad with 18mm thick modesty panel made up of Pre-laminated particle board with appropriate edge banding. The legs shall be made of 47mm X 23mm with 1.6mm thick MS capsule pipe. Modesty holding leg frame shall be made of 47mm X 23mm thick MS capsule tube and 3mm thick HR steel welded together. Cross member assembly for top shall be made of 25mm X 25mm with 1.6mm thick MS pipe welded with sheet structure. top folding bracket welded with 15.8mm dia. MS pipe frame. The understructure shall be provided with injection moulded twin wheel nylon castors for ease of movement. The complete steel structure shall be epoxy polyester powder coated to the dry film thickness 40-60µ thick.

All the sizes shall have the tolerance of upper and lower deviation of  $\pm 10\text{mm}$  for board &  $\pm 0.2\text{mm}$  for metal. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO14001:2015 and ISO-18001:2007, BIFMA membership and AIOTA certification.

135 Each 15099.50 2038433.00

- 16 MR Providing, supplying and placing computer desk. It should have work top made up of 25mm thick Laminated Plyboard with approved laminate and finish as per approved shade. The top profile shall be in rectangle shape With One Edge Postformed and three edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. Wire-Manager hole should be provide on the Top of the table with PVC Cap. The top board shall be supported on Metal Supporting legs in D-Shape made up of 40mm X 40mm X 1.6mm CRCA Powder coated on both side and fixed CPU unit made up of 18mm thick Laminated Plyboard Provided with one openable Hinged-Shutter at Back side of the CPU Unit. Keyboard tray shall be provided 18mm thick Laminated Plyboard with an overall size 550mm X 350mm. The tray shall be operated by sliding channel runs on nylon roller to smooth operation. To protect the wall from kicks, abrasion and serve as a decorative moulding skirting shall be provided at bottom. Hooks should be provided on the vertical side frame on One side of the table for hanging bags/bottles.

The manufacturer shall have quality and safety assurance like ISO9001:2015, ISO-14001:2015 and ISO-18001:2007, BIFMA membership and AIOTA certificaton. The board used should meet international standards of quality and safety, Indian standard IS12823 grade II should meet long time loadbending, screw-withdrawal strength, modulus of rupture and modulus of elasticity bending tested as per IS 2380

50 Each 92106.95 4605348.00



17 /R Providing, supplying and placing mid back chair GREENGUARD Certified. The seat and back shall be made of 15mm thick hot pressed commercial plywood and plastic inner respectively padded with high resilience moulded polyurethane foam 40mm thick having density 40kg/m<sup>3</sup> in seat and 25mm thick having density 32Kg/m<sup>3</sup> in back. The same shall be upholsted with fabric tapestry 1mm thick and 300GSM. The back and base of the chair shall be supplied with injection moulded PP/ABS cover. The seat and back shall be arrested together with 50-60μ dry film thick powder coated HR steel spine covered with plastic bellow. The armrest shall be used one piece injection moulded polypropylene arm completely joint with seat. For seating durability the chair shall have synchro tilt 360 degree revolving mechanism with upright position locking and tilt tension adjustment. The pneumatic seat height adjustment for healthy seating, user can adjust seat height up to 100mm with BIFMA standard class-3 gas-lift to suit them using the lever under the seat. The gas-lift mechanism should be tested as per ANSI/BIFMA X5.1-2011 standard.

The pedestal should have five legged injection moulded in 30% glass filled black nylon having pitch circle dia. 650 mm fitted with 5 nos. twin wheel castor. The castor of the chair should be injection moulded in black nylon 30% glass filled, confirming to ANSI/BIFA X5.1-2011 tested to perform 98,000 cycles with 250lbs load. The seat size shall be 465±10 mm (D) X 480±10 mm (W) and back size shall be 435±10 mm (W) X 560±10 mm (Ht) from seat. Overall height shall be = 1025±10 mm, overall width = 615±10 mm.

330 Each 8827.40 2913042.00

18 MR Providing, supplying and placing Modular table in completely knock down conditions with an overall size 1800mm X 1650mm X 750mm that is to be assembled at site. The work top shall have the size 1600mm X 900mm made up of 45mm thick Prelaminated particle board of grade II of IS 12823 with approved laminate and finish as per approved shade. The top profile shall be in rectangle shape and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The table top shall be supported on 75mm Peg mounted over side storage unit at one side and fixed pedestal at another side. The end wall of the table on the side shall be topped by gable end. The gable end shall be made up of 45mm thick Pre-laminated particle board and profile shall be in linear shape with appropriate PVC edge banding. The table shall be clad with 18mm thick modesty panel which provide structural support for the table. It should be 18mm thick Pre-laminated particle board in linear shape with appropriate PVC edge banding connected with both end. The table shall have side unit for storage purpose with an overall size 1650mm X 510mm X 625mm.

The side unit shall be made up of Pre-laminated particle board of grade II of IS 12823 with top and side 45mm thick and drawer base 9mm thick & other parts 18mm thick like shutter, back, fascia, etc. It shall have 3 drawer and 2 sliding shutter. The drawer shall be operated with SS handle and easily close & open with the assistance of roller base channel and ball bearing channel to enable smooth operation. The drawer shall have central locking mechanism in which all the drawer shall be synchronized locked with one single key. The top shall be enclosed by single sided flaper box that houses telephone cable, data and power connection discretely. To protect the wall from kicks, abrasion and serve as a decorative moulding, skirting shall be provided at bottom. A hanging pedestal shall be provided with an overall size 455mm X 510mm X 485mm. The pedestal shall be made up of Pre-laminated particle board of grade II of IS 12823. Pedestal side, back, fascia shall be 18mm thick & drawer base shall be 9mm thick. The pedestal shall have 2 nos. of drawer operated with SS handle and easily close & open with the assistance of roller and ball bearing channel to enable smooth

19 MR Providing, supplying and placing Modular table in completely knock down conditions with an overall size 2000mm X 1850mm X 750mm that is to be assembled at site. The top shall have the size 1800mm X 900mm made up of 36mm thick Pre-laminated particle board of grade II of IS 12823 with approved laminate and finish as per approved shade. The top profile shall be in rectangle shape with Aluminium Lsection and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The table top shall be supported on particle board based gable end at one side and 75mm Peg on another side. The end wall of the table on the side shall be topped by gable end. The gable end shall be made up of 49mm thick Pre-laminated particle board and profile shall be in linear shape and covered by Aluminium profile and edges with appropriate PVC edge banding. The table shall be clad with 18mm thick modesty panel which provide structural support for the table. It shall be 18mm thick prelaminated particle board in linear shape with appropriate PVC edge banding connected with both end. There shall be buffers provided at the base to avoid scratches on the floor.

The side top shall be provided with an overall size 1850mm X 600mm. Single sided power connection box shall be enclosed at table top that houses telephone cable, data and power connection discretely. The side top shall be supported on metal peg which mounted over side storage unit. The edges shall be covered by Aluminium profile. The table shall have side unit for storage purpose with an overall size 800mm X 500mm X 465mm. The side unit shall be made up of Pre-laminated particle board of grade II of IS 12823 with base 9mm thick and other parts 18mm thick like shutter, back, facia, side panel etc. It shall have 2 drawer with same size. The drawer shall be operated with SS handle and easily close & open with the assistance of ball bearing channel to enable smooth operation. The drawer shall have central locking mechanism in which all the drawer shall be synchronized locked with one single key. The side unit shall be mounted on 50mm Peg. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO-14001:2015 and ISO-18001:2007, BIFMA membership and AIOTA certification. The board used should meet International

20 MR Providing, supplying and placing visitor chair for user comfort & shall have aesthetically appealing. The seat shall be made of 15mm thick hot pressed commercial plywood and the back shall be supplied with metal pipe, inserted between backrest. The chair shall be padded with high resilience polyurethane foam 50mm thick having density 40kg/m<sup>3</sup> in seat and 12mm thick having density 23Kg/m<sup>3</sup> in back. The seat and back shall be upholstered with leatherite tapestry 0.8±0.1mm thick, 535 GSM and breathable mesh tapestry behind the backrest. MS chrome plated pipe frame shall be provided on both side of seat and back with size 25mm X 10mm. The backrest shall be supplied by keeping the natural curvature of the spine which helps to provide back support. The armrest shall be used black integral polyurethane arm mounted on CRCA chrome plated pipe having size 40mm X 10mm completely joint with seat and back with the assistance of Allen key screw. Chrome plated round bend pipe of dia. 9mm shall be provided behind the backrest of the chair and welded with main frame. The frame structure shall be cantilever support type made of MS CRCA chrome plated round pipe of dia. 25.4mm with 2mm thick.

There shall be PPCP shoe provided at the base to avoid scratches on the floor. The seat size shall be 500±10 mm(W) X 510±10 mm(D) and back size shall be 450±10 mm(W) X 540±10mm(H) from seat & overall height = 980±10mm, overall width = 560±10 mm.

88 Each 10627.73 935240.00

21 MR Providing, supplying and placing pigeon hole rack of capacity 18 Nos. having side, top, bottom and shelf panel made up of 18mm thick Pre-laminated particle board (interior grade) and back panel made up of 18mm thick Prelaminated particle board and the edges shall be sealed with 2mm thick thin strip of impermeable PVC that is cut to fit the size of board panel and duly pasted with the assistance of edge banding machine at 200 degree Celsius. The compartment size shall be approx. 275mm X 275mm. The manufacturer shall have quality and safety assurance like ISO-9001:2015, ISO-14001:2015 and ISO18001:2007, BIFMA membership and AIOTA certification. The board used should meet International Standard of quality, Indian standard IS 12823 grade II should meet long time load bending, screw-withdrawal strength, modulus of rupture and modulus of elasticity bending tested as per IS 2380.

2 Each 93500.75 187002.00

22 MR Providing, supplying and placing mid back chair GREENGUARD Certified. The seat and back shall be made of 15mm thick hot pressed commercial plywood and plastic inner respectively padded with high resiliencemoulded polyurethane foam 40mm thick having density 40kg/m<sup>3</sup> in seat and 25mm thick having density 32Kg/m<sup>3</sup> in back. The same shall be upholsted with fabric tapestry 1mm thick and 300GSM. The back and base of the chair shall be supplied with injection moulded PP/ABS cover. The seat and back shall be arrested together with 50-60μ dry film thick powder coated HR steel spine covered with plastic bellow. The armrest shall be used one piece injection moulded polypropylene arm completely joint with seat. For seating durability the chair shall have synchro tilt 360 degree revolving mechanism with upright position locking and tilt tension adjustment. The pneumatic seat height adjustment for healthy seating, user can adjust seat height up to 100mm with BIFMA standard class-3 gas-lift to suit them using the lever under the seat. The gas-lift mechanism should be tested as per ANSI/BIFMA X5.1-2011 standard. The pedestal should have five legged injection moulded in 30% glass filled black nylon having pitch circle dia. 650 mm fitted with 5 nos. twin wheel castor.

The castor of the chair should be injection moulded in black nylon 30% glass filled, confirming to ANSI/BIFA X5.1-2011 tested to perform 98,000 cycles with 250lbs load. The seat size shall be 465±10 mm (D) X 480±10 mm (W) and back size shall be 435±10 mm (W) X 560±10 mm (Ht) from seat. Overall height shall be = 1025±10 mm, overall width = 615±10 mm

Total

Add Contingencies @3% on 17,269,245.00

Add EPF & ESIC @ 4.25% on 17,269,245.00

Grand Total

Say Rs.

90	Each	8827.40	794466.00
			<b>17269246.00</b>
			518077.00
			733943.00
			<b>18521266.00</b>
			<b>1,85,21,300/-</b>

The Preliminary Estimate amounting to Rs. 1,85,21,300 (One crore eighty-five lakh twenty one thousand three hundred only) is submitted to Client for obtaining A/A & E/S.

Assistant Engineer (Civil)

O/o SE-Karnal

CPWD, Karnal

*23/09/2021*  
Superintending Engineer-Karnal  
CPWD, Karnal

**Subject: Minutes of the meeting of Estate Affairs Committee held on 17.11.2021 at 02:30PM in the office of the Dean (P&D) & Chairman (EAC) at NIT, Kurukshetra.**

A meeting of Estate Affairs Committee was held on 17.11.2021(Wednesday) at 02:30PM onward in the office of the Dean (P&D) & Chairman (EAC) to discuss the various issues related to Estate Section.

The following were present:

- |  |                   |
|--|-------------------|
| 1. Prof. Brahmjit Singh, Dean (P&D)          | Chairman          |
| 2. Prof. Arun Goel, Prof. I/C (E&C)          | Member            |
| 3. Dr. Anil Dahiya, Faculty I/C (H&L)        | Member            |
| 4. Dr. Sandeep Kakran, Faculty I/C (EM&T)    | Member            |
| 5. Dr. Rajneesh, Faculty I/C (S&C)           | Member            |
| 6. Er. S.N. Kaushik, A.E. (Civil)            | Member & Convener |
| 7. Er. Ashish Kumar Choudhury, A.E. (Elect.) | Special Invitee   |

Before the start of the deliberations, the Chairman, Estate Affairs Committee welcomed all the members present in the meeting.

The following issues were discussed and are resolved as under:

1. **To discuss regarding Action Taken on previous meeting held on 29.01.2021**

The detailed discussion on action taken is enclosed as per Annexure-I

2. **To discuss regarding Action Taken on previous meeting held on 13.07.2021**

The detailed discussion on action taken is enclosed as per Annexure-II

3. **To discuss the request received from the Security Officer vide no. SO/09/2021/60 dated 14.09.2021 regarding to construct the bathroom near Oxidation Pond.**

The request received from the Security Officer vide letter No. SO/09/2021/60 dated 14.09.2021 to construct the bathroom near Oxidation Pond was put up before the EAC. The EAC discussed and resolved that there is no need of separate bathroom near Oxidation Pond and also resolved that the security personnel can use bathroom already available in the premises of Sewage Treatment Plant (STP), which is quite near the Oxidation Pond. ✓

4. **To discuss the request received from the Faculty I/C (H&L) on dated 22.09.2021 regarding construction of structured hut at Eco Point.**

The request received from the Faculty I/C (H&L) dated 22.09.2021 regarding construction of structured hut at Eco Point was put up before the EAC. The EAC discussed in detail and resolved that the feasibility of providing a hut be explored first and later on locations /construction & type of model of hut may be decided. ✓

5. **To discuss a request received from the Security Officer vide no. SO/09/2021/64 dated 29.09.2021, regarding**

(i) **To construct the security check posts temporary/permanent at main gates of hostel no. 7, 8, 9 & Kalpana Chawla Girls Hostel.**

(ii) **Construction of Bathroom/washroom at KUK Gate side.**

(iii) **Provision of sheds at Kirmach Gate No. 1 & 2, KUK Gate, Girls Hostel Main Gate & Kalpana Chawla Girl Hostel towards South one.**

A request received from the Security Officer vide letter no. SO/09/2021/64 dated 29.09.2021 was discussed and resolved as under:

(i). The matter has already been resolved in the presence of Security Officer regarding the provision of security check post at main gate of Hostel no. 7, 8 & 9. Further, the matter regarding the provision of security check post at main gate of Kalpana Chawla Girls Hostel was discussed and resolved that the above matter be explored on the basis of feasibility of site condition and aesthetic point of view.

(ii) The requirement of bathroom/washroom at KUK Gate side as requested by the Security Officer seems genuine and it may be explored from the construction branch of KUK regarding making connection of sewerage line with the KUK line. If possible, the bathroom/washroom may be constructed by Estate Section along the boundary adjacent to KUK. ✓

(iii) After detail discussion and deliberation on the matter that it was decided that the provision of shed at main gate towards KUK, main gate along Kirmach Road and Kalpana Chawla Girls Hostel on South side be explored depending upon the feasibility as per available site conditions and aesthetic point of view.

- 6 To discuss a proposal received from the Faculty I/C (H&L) regarding to develop Oxy-van on 5 Acres lands minimum to create awareness, educate and motivate people about the importance of plants and forest.

A proposal received from the Faculty I/C (H&L) regarding to develop Oxy-van on 5 Acres lands minimum to create awareness, educate and motivate people about the importance of plants and forest was discussed in the EAC meeting and decided that the item be dropped.

- 7 To discuss the cost estimate for providing furniture for the following two no. works:

(i) Provision of furniture for the construction of additional floor over the existing building of MBA/MCA department with conventional permanent construction instead of pre-fab construction.

(ii) Provision of furniture for the work of pre-fab construction of 2nd floor over the Old MBA Block (New Workshop Building) for civil, electrical and air conditioning works

The preliminary cost estimate amounting to Rs. 1,85,21,300/- received through Assistant Engineer (Civil), <sup>from</sup> the office of Superintending Engineer (Civil), CPWD Karnal vide No. 23(NIT-KKR)/SEK/2021/935 dated 23.09.2021 for the provision of furniture for the above said two no. works was put up before the EAC. The EAC discussed in detail & deliberated and recommended that the preliminary cost estimate of Rs. 1,85,21,300/- for the above said two no. works may be put up before the ensuing B&WC meeting for further necessary approval.

- 8 To discuss the matter regarding repair of Room No. 107,108,109,110 & office of the Institute Guest House damaged due to major cracking.

The matter regarding repair of Room No. 107,108,109,110 & office of the Institute Guest House damaged due to major cracking was put up before the EAC meeting. The EAC discussed and recommended that this item may be clubbed with the main item i.e. Investigation/Inspection of Staff Quarters E-1 to E-24, F-1 to F-12, DA-1 to DA-9 and DB-1 to DB-68 regarding Structural Stability, Economical Repair, Type of ways of repairs and any other suggestions, which CPWD deems fit. Further, it was also resolved that routine repairs regarding filling of major cracks in the above rooms & office may be carried out. Further, the committee may be requested to expedite matter and to submit the final report at the earliest.

- 9 Any other item:

(i) Iron mess structure is required to cover the windows of the IoT research lab situated in the room number 104 of the Old MBA block:

A request received from the HoD, ECE for the providing Iron mess structure to cover the windows of the IoT research lab situated in the room number 104 of the Old MBA block was put up before the EAC. The EAC discussed and recommended that this item may be dropped so that maintain symmetry and aesthetic of the buildings may be maintained.

The meeting ended with vote of thanks to the chair.

The minutes of EAC meeting are submitted for kind consideration & approval please,

Faculty I/C (S&C)

A.E. (Civil)

A.E. (Elect.)

Professor- I/C (E&C)

Faculty I/C (H&L)

Faculty I/C (EM & T)

Dean (P&D) & Chairman (EAC)

Registrar I/C

Director

Registrar Office

Dairy No. 1724

Dt. 25/11/21

For I/C (E&C)

AB

25/11/21

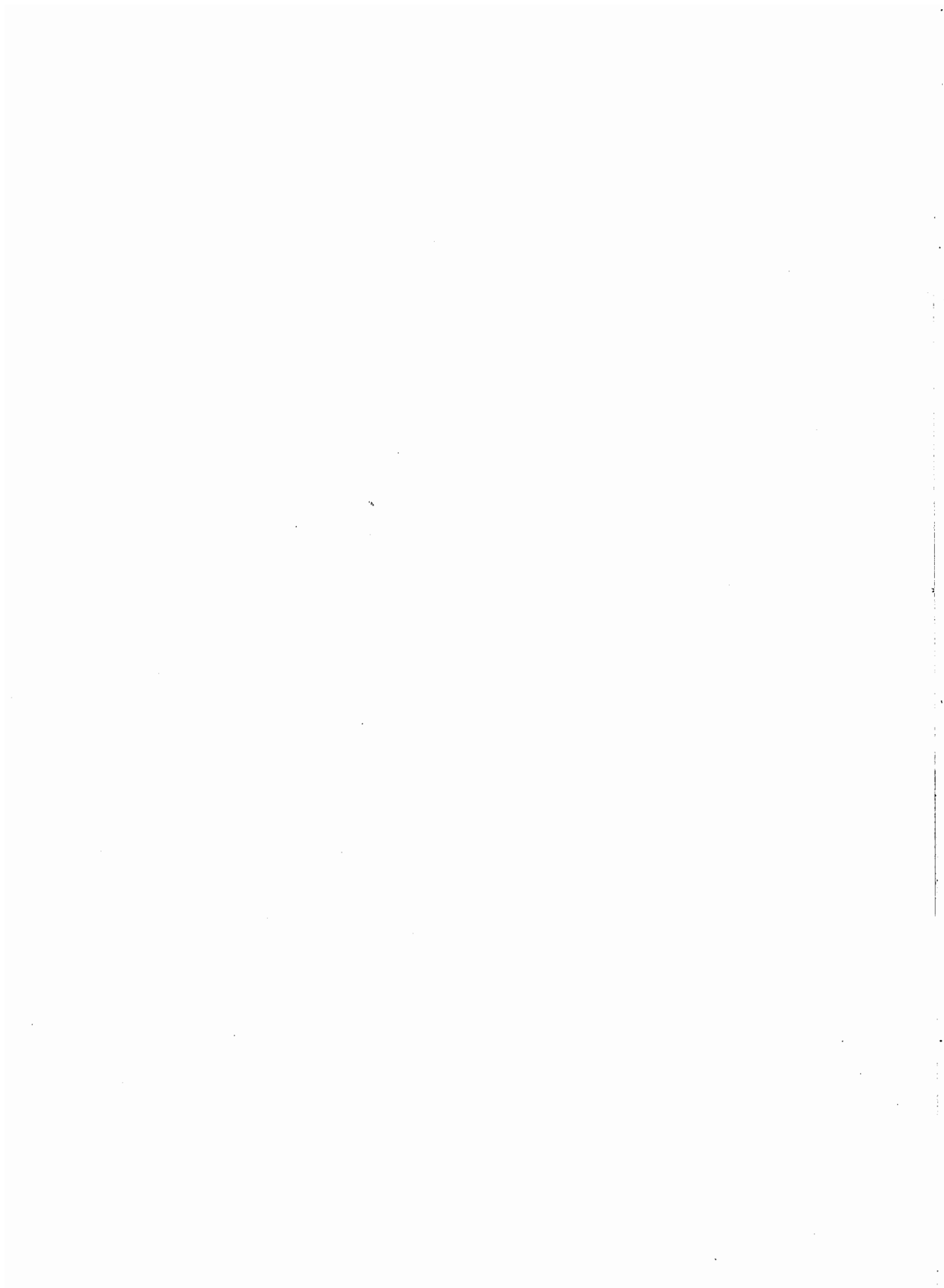
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**BWC 27.11** To consider and ratify the action taken by Director and Chairman B&WC of the Institute on account of release of payment towards Arbitration award for the works of:

- i) Providing and Installation of Electrical Sub-Station HT/LT Distribution and feeder pillars in residential area at NIT, Kurukshetra.
- ii) Construction of 600 seaters Girls Hostels (Multi storeyed) RCC framed structure (Ground+5) at NIT Kurukshetra.

i) The work of Installation of HT/LT Distribution and feeder pillars in residential area at NIT Kurukshetra was approved in 9<sup>th</sup> & 11<sup>th</sup> B&WC meetings held on 17.03.2008 & 28.07.2009 respectively and duly approved by the FC and ratified by the 20<sup>th</sup> BOG meeting held on 15.03.2010. Accordingly, the work was allotted to CPWD for execution vide letter No. CC/156/7071 dated 18.11.2014 on depositary work basis. The CPWD awarded the work to contractor M/s. Kalsi Engineers, New Delhi vide letter no. 54(4)/KCED/2015-16/82 dated 14.01.2016. During the execution, a dispute got generated between CPWD & Contractor M/s. Kalsi Engineers, New Delhi vide letter no. 24/01/2018A&C/6230 dated 01.01.2018 issued by Chief Engineer (NZ-I), CPWD, Chandigarh. In this letter, it was stated that matter is under arbitration (copy enclosed). Further, Executive Engineer (Elect.), Karnal Electrical Division, CPWD, Karnal had intimated vide letter no. 54(Arb)/KED/2020-21/1030 dated 31.07.2020 that the Arbitrator has awarded a sum of Rs. 1,08,85,003.03/- in favour of contractor M/s. Kalsi Engineers, New Delhi including interest @ 10% w.e.f. 01.01.2018 to till date of disbursement of the amount to the contractor. After submission of the arbitration award by the CPWD, the institute referred the whole matter to the legal counsel of the institute for legal opinion. In the mean time, a letter no. 54(Arb)/KED/2020-21/1409 dated 05.11.2020 was received from Executive Engineer (Elect.), Karnal Electrical Division, CPWD, Karnal regarding revised amount of Rs 1,04,62,508/- for the arbitration award which is enclosed as **Appendix XXIII from page 289 to 307.**

The detailed break up of this amount is as follows:

Summary of calculation	
Total amount of award against claim Nos. 1 to 8, 10 to 12 & 14	Rs. 86,83,762/- (A)
Interest @ 10% on awarded amount of Rs. 68,67,747 against claims No. 1 to 8 & 10	Rs. 17,78,746/- (B)
Total (A+B)	Rs. 1,04,62,508/-
Grand Total (to be paid to the claimant)	Rs. 1,04,62,508/-

As per the legal opinion of legal counsel of the Institute, the amount towards the claim no. 3, 4, 11 and 12 was deducted and the balance amount of Rs 66,29,173/- was released by the Institute after approval by the competent authority of Institute and conveyed to the Executive Engineer (Elect.), CPWD, Karnal through letter no. CC/3453/26/147 dated 08.01.2021. The details are enclosed as **Appendix XXIV from page 308 to 314.**

The details of amount paid by the Institute to CPWD is as below:

Total Arbitration amount (A)	Rs. 1,04,62,508.00
Deducted amount on the opinion of legal counsel (B)	Rs. 19,54,818.00
Amount of the Institute already balance on CPWD (C)	Rs. 18,78,517.00
<b>Total amount to be paid by the Institute to CPWD {D=A-(B+C)}</b>	<b>Rs. 66,29,173.00</b>

Further, a letter was received from the Executive Engineer (Elect.), CPWD, Karnal vide letter no. 54(12)/KED/2021/1275 dated 08.09.2021 regarding releasing of final payment of Rs. 10,88,578/- as per expenditure statement cum utilization certificated for the work of "Providing & Installation of Electrical Sub-station HT/LT Distribution and feeder pillars in residential area at NIT Kurukshetra. In response to the above, a letter was sent to Executive Engineer (Elect.), CPWD Karnal vide no CC/3453(i)/1576/4054 dated 22.09.2021 requesting to submit the clarification for the above said amount.

Accordingly, a letter was received from the Executive Engineer (Elect.), CPWD, Karnal vide letter no. 54(NIT)/KED/2021/1453 dated 29.09.2021. The details are given as under:

Sr. No.	Particular	Amount (In Rs.)
1	Total expenditure as per UC dated 08.09.2021 is Rs. 1,95,45,030/- & Expenditure as per UC dated 22.07.2020 is Rs. Rs. 192,25,373/-	3,19,657.00
2	Interest paid upto 31.01.2021	5,44,256.00
3	Arbitration fees paid to arbitrator & Counsel fees	2,24,665.00
	<b>Total</b>	<b>10,88,578.00</b>

In the light of the above, the balance amount of Rs 10,88,578/- was released by the Institute after the approval from the competent authority of Institute and the same was conveyed to the Executive Engineer (Elect.), CPWD, Karnal through letter no. CC/3493 & 3453(i)/716/4886 dated 24.11.2021. The details are enclosed as **Appendix XXV from page 315 to 327.**

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The details of total expenditure incurred on the above work are given below:

Description	Amount (in Rs.)
Total Expenditure as per Expenditure Statement received from CPWD vide letter no. 54(12)/CED/2021/1275 dated 08.09.2021	(A) 1,95,45,030.00
Amount already balance with CPWD	(B) 18,78,517.00
Total amount paid to CPWD regarding arbitration	(C) 66,29,173.00
<b>Total Amount D=(A+B+C)</b>	<b>(D)2,80,52,720.00</b>
Interest paid upto 31.01.2021	(E) 5,44,256.00
Arbitration fees paid to arbitrator & Counsel fees	(F) 2,24,665.00
<b>Total expenditure for the work G= (D+E+F)</b>	<b>2,88,21,641.00</b>
<b>A/A &amp; E/S for the work</b>	<b>2,22,69,434.00</b>
<b>Total difference from A/A &amp; E/S</b>	<b>65,52,207.00</b>

It is evident from above table that the total amount of expenditure for the work Rs. 2,88,21,641.00/- is on higher side in comparison to the A/A & E/S of Rs. 2,22,69,434.00 already conveyed to the CPWD. The Building & Works Committee may approve the additional amount of Rs. 65,52,207/- for the work of "Providing & Installation of Electrical Sub-station HT/LT Distribution and feeder pillars in residential area at NIT Kurukshetra.

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

PROCEEDINGS OF THE 9<sup>TH</sup> MEETING OF THE BUILDING & WORKS  
COMMITTEE, HELD ON 17.03.2008 IN THE BOARD ROOM OF THE INSTITUTE.

PRESENT:

- |    |  |                 |
|----|--|-----------------|
| 1. | Dr. M.N. Bandyopadhyay,<br>Director,<br>National Institute of Technology,<br>Kurukshetra                           | Chairperson     |
| 2. | Dr. S.P. Jain,<br>Dean (Planning & Development)<br>National Institute of Technology,<br>Kurukshetra                | Member          |
| 3. | Er. Niranjana Singh,<br>Superintending Engineer (Civil),<br>Chandigarh Central Circle, CPWD,<br>Chandigarh         | Member          |
| 4. | Er. S. Khan,<br>Superintending Engineer (Electrical),<br>Chandigarh Electrical Central Circle, CPWD,<br>Chandigarh | Member          |
| 5. | Dr. S.K. Sharma,<br>Dean (E, EM & C),<br>National Institute of Technology,<br>Kurukshetra                          | Special Invitee |
| 6. | Dr. S.M. Gupta,<br>Prof. In-charge (Estate & Construction),<br>National Institute of Technology,<br>Kurukshetra    | Special Invitee |
| 7. | Er. B.M. Sharma,<br>Executive Engineer,<br>Construction Cell,<br>National Institute of Technology,<br>Kurukshetra  | Special Invitee |
| 8. | Sh. D.K. Kaushik,<br>Assistant Engineer (Elect.)<br>National Institute of Technology,<br>Kurukshetra               | Special Invitee |
| 9. | Sh. S.N. Kaushik,<br>Assistant Engineer (Civil),<br>National Institute of Technology,<br>Kurukshetra               | Special Invitee |

- ~~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 Houses at National Institute of Technology, Kurukshetra

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

- ~~Item~~ No.9.8 To consider and approve the cost estimate for providing & installation of 2 Nos. Tubewells in National Institute of Technology, Kurukshetra

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

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, Kurukshetra amounting to Rs. 67.053 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, Kurukshetra..

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, Kurukshetra. amounting to Rs. 1.75 crore.

- ~~Item~~ No.9.11 To consider and approve the cost estimate for providing Distempering instead of White Washing in various residences at National Institute of Technology, Kurukshetra

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

- ~~Item~~ No.9.12 To consider and approve the cost estimate for construction of Administrative Block in National Institute of Technology, Kurukshetra

The Building and Works Committee approved cost estimate for the construction of Administrative Block in National Institute of Technology, Kurukshetra amounting to Rs. 6.59 Crore.

- ~~Item~~ No.9.13 To consider and approve the revised rough cost estimate for the installation of HT/LT Sub- Station at National Institute of Technology, Kurukshetra

The Building and Works Committee approved cost estimate for the installation of HT/LT Sub- Station at National Institute of Technology, Kurukshetra amounting to Rs. 582.00 lacs.

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

PROCEEDINGS OF THE 11<sup>TH</sup> MEETING OF THE BUILDING & WORKS  
COMMITTEE HELD ON 28.07.2009 AT 11.00 A.M IN THE SENATE HALL OF THE  
INSTITUTE.

PRESENT:

- |    |   |                 |
|----|---|-----------------|
| 1. | Dr. M.N. Bandyopadhyay,<br>Director,<br>National Institute of Technology,<br>Kurukshetra                              | Chairperson     |
| 2. | Dr. Krishna Gopal<br>Dean (Planning & Development)<br>National Institute of Technology,<br>Kurukshetra                | Member          |
| 3. | Er. Niranjana Singh,<br>Superintending Engineer (Civil),<br>Chandigarh Central Circle, CPWD,<br>Chandigarh            | Member          |
| 4. | Er. Vimal Kumar<br>Superintending Engineer (Electrical),<br>Chandigarh Electrical Central Circle, CPWD,<br>Chandigarh | Member          |
| 5. | Dr. S.K. Sharma,<br>Dean (Estate, EM & Constrn ),<br>National Institute of Technology,<br>Kurukshetra                 | Special Invitee |
| 6. | Dr. V.P Singh<br>Prof. In-charge (Estate & Construction),<br>National Institute of Technology,<br>Kurukshetra         | Special Invitee |
| 7. | Prof. C.P Bansal<br>Prof. I/C (EM)<br>National Institute of Technology,<br>Kurukshetra                                | Special Invitee |
| 8. | Er. P.K Aggarwal<br>Executive Engineer (Construction cell)<br>National Institute of Technology,<br>Kurukshetra        | Special Invitee |

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P.V.

Contd...P/2

7.

Regarding B & WC item No. (14.3) & item No. (15.2), the B & WC advised that Demi Official letter may be written to the Financial Commissioner & Principal Secy. to Govt. of Haryana, PW (B&R) Deptt., Chandigarh that the matter regarding the installation of Tubewell in the PWD colony may be taken up on priority basis. Simultaneously, a DO letter may also be written to the HSEB Sub-station at NIT, KKR for making their own arrangement for water supply as the Institute is facing acute shortage of water due to increase in the intake of U.G and P.G students.

2. The Building & Works Committee discussed the progress of various construction works running in the Institute and decided that accurate position of the progress of each work should be flashed by Bar Chart. The CPWD authorities ensured the B & WC that the progress of the construction of Administrative Block and Swimming Pool will be pushed up for their early completion.
3. Regarding the works which have already been approved by the B&WC but the funds have not been allocated so far for these works, the committee advised that priority of works on the basis of requirement may be fixed by the Institute and the funds may be allocated by the Institute accordingly.

Item No:11.3 To consider & approve Revised Cost Estimate for (i) providing & installation of Electrical Sub-station HT/LT Distribution i.e. street lighting & feeder pillars etc. in non-residential area at NIT, Kurukshetra.

(ii) Providing & Installation of Electrical Sub-station HT/LT distribution and feeder pillars in residential area at NIT, Kurukshetra

The Building and Works Committee approved the Revised Cost Estimate amounting to Rs. 801.40 Lacs for (i) providing & installation of electrical sub-station HT/LT distribution i.e. street lighting & feeder pillars etc. in non-residential area at NIT, Kurukshetra and (ii) providing & installation of electrical sub-station HT/LT distribution and feeder pillars in residential area at NIT, Kurukshetra.

Further, the B & WC also decided that the above work will be executed in two phases. In first phase, the work relating to the Instructional Buildings & Hostels will be completed within a period of 1 year w.e.f. 1<sup>st</sup> Aug. 2009 to 31<sup>st</sup> July 2010 and in the second phase the work relating to the residential area will be executed.

5.79 Cr.  
Non-Res.

2.23 Cr.  
Residential

Item No:11.4 To consider & approve Cost Estimate for the provision of Geysers and Exhaust Fans in Hostel Toilets NIT, Kurukshetra.

The Building and Works Committee approved the installation of Water Heaters in hostel toilets and decided that the capacity of solar water heating system be 30 LPD for boys and 40 LPD for girls. Consequently the rough cost estimate has been calculated as under:

2500 Boys X 30 LPD	=	75000 LPD
600 Girls X 40 LPD	=	24000 LPD
Total	=	99000 LPD
Cost/L.PD = Rs. 200/-		
Rough Estimate Cost	=	Rs. 198.00 Lacs
Contingency 3%	=	Rs. 5.94 Lacs
Total	=	Rs. 203.94 Lacs
Say	=	Rs. 204.00 Lacs

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Contd. 11.4



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NATIONAL INSTITUTE OF TECHNOLOGY,  
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No. NITK/BOG 20<sup>th</sup> (Spl.) 2019

Dated 7/04/10

20.2 & 20.3 To ratify the minutes of the 11<sup>th</sup> meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 28.07.2009 and that of 12<sup>th</sup> (Special) meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 03.09.2009.

The Board of Governors of the Institute in their 20<sup>th</sup> (Spl.) meeting held on 15.03.2010 has decided as under:-

*"The Board observed earlier advice of the MHRD that the decisions taken by the Building and Works Committee were required to be considered by the Finance Committee first before the same are placed before the Board of Governors. However, it has been mentioned in the First Statutes that the Building and Works Committee under the directions of the Board shall carry on construction of all major works after obtaining the necessary administrative approval and expenditure sanction from the Board. The said procedure has not been followed by the Institute which is a serious lapse on the part of the concerned staff members. The Board desired that the concerned staff members be issued serious instructions to follow proper procedure in future.*

*The Board also directed the Institute to place the minutes/recommendations of the Building & Works Committee to the Board of Governors as per requirement of the First Statutes.*

*It was brought to notice of the Board by the Institute that the aforementioned situation during the transit period took place because there was urgent necessity for taking up construction of additional accommodation on top priority basis on account of increased strength of students due to implementation of the OBC reservation and starting of new UG/PG courses. The Board was assured that its advice shall be invariably followed and required procedure as laid down under the Statutes shall be adhered to.*

*The representatives of Govt. of India, MHRD, Sh. N. Mohan Das expressed serious concern on the procedural lapses in not placing and obtaining approval of minutes of the Building & Works Committee meeting of 28<sup>th</sup> July, 2009 and 3<sup>rd</sup> September, 2009 from the competent authority. As such he did not agree for ratification of the said minutes of the Building & Works Committees.*

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In view of explanation submitted by the Institution and after detailed discussion the Board accorded its administrative approval and expenditure sanction to the works already approved by the Building & Works Committee in its 11<sup>th</sup> and 12<sup>th</sup> meetings held on 28.7.2009 and 03.09.2009 respectively".

This is for your reference, record and further necessary action in the matter.

Encl: Agenda Item

*RP* 7/4/2010  
(R P S Lohchab)  
Registrar

1. Dean(Estate, Constn & Elect. Mtc.)
2. Professor Incharge (Estate & Constn.)
- ~~3.~~ Estate Officer

EA-1/HLC

*[Signature]*  
7/4/10.

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NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. SC 3<sup>rd</sup> /

Dated: 18.5.2010

**Subject: Minutes of the 3<sup>rd</sup> meeting of the Standing Committee of Board of Governors, National Institute of Technology, Kurukshetra held on 5<sup>th</sup> May, 2010.**

Kindly find enclosed herewith Minutes of the 3<sup>rd</sup> meeting of the Standing Committee of Board of Governors, National Institute of Technology, Kurukshetra held on 5<sup>th</sup> May, 2010 in the Institute at Kurukshetra for favour of information.

sd/-  
(R P S Lohchab)  
Registrar-cum-Secretary

1. Prof. J.K. Palit,  
Chairperson  
Board of Governors,  
NIT, Kurukshetra,  
56, Gautam Budh Road,  
Gaya (Bihar)-823001.
2. Dr. M.N. Bandyopadhyay,  
Director,  
National Institute of Technology,  
Kurukshetra.

Endst. No. SC 3<sup>rd</sup> /

Dated: 18.5.2010

Copy of the above alongwith minutes is sent to Dr. R.K. Sharma, Officer on Special Duty, NIT, Kurukshetra for information and further necessary action.

sd/-  
Registrar

Endst. No. SC 3<sup>rd</sup> / 2828-30

Dated: 18.5.2010

Copy of the above alongwith minutes is sent to the following for information and further necessary action :-

1. Deputy Registrar(Estt., GA & Legal)
2. Deputy Registrar(Accounts)
- ✓ 3. Estate Officer

sd/-  
Registrar

A. copy may pl. be sent to

Prof. J.C. (EXC) and Dean (S.E.M. & C) for information pl.

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EA-1

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

Minutes of the 3<sup>rd</sup> meeting of BOG's Standing Committee held on 5<sup>th</sup> May, 2010 at 2.30 PM in the Office of Hon'ble Chairperson, BOG at Kurukshetra.

A. Regarding follow up actions w.r.t. discussions held during 1<sup>st</sup> Standing Committee meeting held on 25.11.2009:

15<sup>th</sup> BOG meeting held on 18.5.2009:

1. Regarding extension of facility of foreign exchange by the SBI (BOG agenda item 15.7).

The Deputy Registrar (Accounts) intimated during the course of discussion that the Institute took up the matter with the higher authorities of the State Bank of India at Zonal and Regional level for providing foreign exchange facilities at Kurukshetra. The higher authorities of the bank have not given any positive response in writing. However, they have verbally communicated that it is not possible for them to provide the facility of foreign exchange etc. at their Kurukshetra branch.

2. To consider the seniority of Lab. Attendants/Lib. Attendants and APDs for the allotment of F-Type houses (BOG agenda item 15.28).

The Standing Committee desired that in view of the suggestions of the Board, the OSD and the Estate Officer may go through the amended House Allotment Rules and then the said rules may be put up to the Registrar and the Director within a day or two.

3. Regarding Progress Reports submitted by various Departments (decisions taken by the Standing Committee in its 1<sup>st</sup> meeting):-

To consider developmental and academic activities of the Institute:-

The Standing Committee noted that while the OSD has received the academic roadmap from some of the Departments, some Departments

*AB*

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136 119

Minutes of 13<sup>th</sup> meeting of the Finance Committee,  
NIT, Kurukshetra held on 29.03.2008 at 12.00 noon in the  
Board Room of National Institute of Technology, Kurukshetra-136119

PRESENT

- |    |  |                  |
|----|--|------------------|
| 1. | Sh. C. B. Mathur,<br>Hon'ble Chairman, Board of Governors<br>& Finance Committee,<br>NIT, Kurukshetra<br>B-35, Shyam Nagar,<br>Jaipur-302 019 (Rajasthan)  | In Chair         |
| 2. | Sh. R. C. Jindal,<br>Principal,<br>Govt. Polytechnic, Nilokheri<br>(Representative of the Commissioner<br>& Secretary to Govt. of Haryana)<br>Technical Education Department,<br>New Civil Sectt. Haryana,<br>Sector-17, Chandigarh.                   | Member           |
| 3. | Sh. W. N. Massey,<br>Under Secretary,<br>(Representative of Director (Finance)<br>(Integrated Finance Division)<br>Govt. of India,<br>Ministry of Human Resource Development,<br>Deptt. of Higher Education,<br>Shastri Bhawan,<br>New Delhi- 110 001. | Member           |
| 4. | Dr. M. N. Bandyopadhyay,<br>Director,<br>NIT, Kurukshetra  | Director-Member  |
| 5. | Sh. R. P. S. Lohchab,<br>Registrar,<br>NIT, Kurukshetra  | Member Secretary |

Contd.....

- Item 13.10 To consider enhancement of the fee under Students related activities.

The FC recommended to the Board that the Students Fund be changed @ Rs. 7000/- (Rupees seven thousand only) per annum from each UG and PG student from the coming academic year 2008-09( in two installments).

- Item 13.11 To consider enhancement in sitting allowance to the Hon'ble Members of BOG, Senate, FC, B&WC and External Experts of various Selection Committees.

The FC did not agree to increase sitting allowance for Members of the Board of Governors, Senate, Finance Committee, Building & Works Committee and External Experts of various Selection Committees.

- Item 13.12 To consider transfer of New Pension Fund to the Central Recordkeeping Agency (CRA) for managing the accounting, recordkeeping, database and other operational aspects.

The FC recommended to the Board that the accumulation under the New Pension Scheme duly reconciled be transferred to the Pension Fund Regulatory and Development Authority (PFDA) as per guidelines received from the Govt. of India. In case of any clarification, the Integrated Finance Division of the MHRD may be consulted.

Tabled Items:

- Item 13.13 To consider & ratify the minutes of 9<sup>th</sup> meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 17.03.2008.

The FC ratified the minutes of the 9<sup>th</sup> meeting of the Building & Works Committee held on 17.3.2008 as per details furnished in the agenda item 13.13.

Contd.

PM

Tabled

**Item 13.13: To consider & ratify the minutes of 9<sup>th</sup> meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra held on 17.03.2008**

The 9<sup>th</sup> meeting of the Building & Works Committee of National Institute of Technology, Kurukshetra was held on 17.03.2008 under the Chairmanship of Dr. M N Bandyopadhyay, Director & Chairperson of Building & Works Committee of the Institute. The Committee considered the items furnished in the Agenda which is placed at Annexure-L. The recommendations made by the Committee are placed at Annexure-M.

As per advice of the Ministry, the recommendations made by the Building & Works Committee are to be considered by the Finance Committee first.

Finance Committee may consider and ratify the minutes of the Building & Works Committee.