

**MINUTES OF THE 35<sup>th</sup> MEETING OF THE BUILDING AND WORKS COMMITTEE OF  
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL  
HELD ON 11.09.2021 AT 14.30 hrs  
IN THE BOARD ROOM OF DIRECTORATE NIT WARANGAL**

**MEMBERS PRESENT**

- |    |   |                  |
|----|---|------------------|
| 1. | Prof. N. V. Ramana Rao<br>Director & Chairperson<br>National Institute of Technology, Warangal.                       | Chairperson      |
| 2. | Prof. P. Bangaru Babu<br>Dean (Planning & Development),<br>National Institute of Technology, Warangal.                | Member           |
| 3. | Shri N. Naga Sambasiva Rao<br>Chief Engineer<br>Central Public Works Dept.,<br>Nirman Bhawan, Sultan Bazar, Hyderabad | Member           |
| 4. | Shri Anil Kumar<br>Director (F-1) IFD<br>Dept. of Higher Education<br>Ministry of Education, New Delhi.               | Member           |
| 5. | Shri S. Goverdhan Rao<br>Registrar,<br>National Institute of Technology, Warangal.                                    | Member-Secretary |
| 6. | Shri C.N. Suresh<br>Superintending Engineer (Civil)<br>CPWD, Circle Warangal  | Special Invitee  |
| 7. | Shri T. Venugopala Reddy<br>Superintending Engineer,<br>E&MU, NIT, Warangal   | Special Invitee  |

Shri K. Kishan, Chief General Manager (Opn-II) (Electrical), TSNPDCL, Warangal could not attend the meeting. Leave of absence was granted to him by the Chairman.

Chairman welcomed the Members present for the meeting. Thereafter, the Agenda Items were taken up for discussion. The decisions of the BWC are presented below:

Item No.	<u>Name of the Item</u>
35.1	To Confirm the Minutes of the 34 <sup>th</sup> meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 03-03-2021 at 10.30 hrs. in the Boardroom of NIT, Warangal.
	<u>Resolution</u>
	<b>The Committee resolved to confirm the Minutes of the 34<sup>th</sup> meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 03-03-2021.</b>

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Item No. 35.2	<u>Name of the Item</u>																				
	<p><b>To consider the action taken report on the decisions of 34<sup>th</sup> meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 03-03-2021 at 10.30 A.M. in the Board Room of NIT, Warangal.</b></p> <p><b>34.3:</b> The preliminary estimate for the proposed construction of five Hostel Blocks and one Kitchen &amp; Dining Block in the Rudrama Devi Ladies Hostel Complex (RDLHC) is placed before the BWC as separate agenda item 35.3.</p> <p><b>34.4.1</b> Phase-2 renovation of visitor's block at an estimated cost of Rs.1,70,10,000/- work has been awarded to the executing agency by CPWD.</p> <p><b>34.4.2:</b> Preliminary Estimates for renovation of Hostel Block – 1 (Azad Hall) at an estimated cost of Rs.2,95,68,000/- and for renovation of Hostel Block – 2 (Bose Hall) at an estimated cost of Rs.2,87,87,800/- and renovation of Krishna Mess at an estimated cost of Rs.2,23,04,000/- were approved by Finance Committee &amp; BoG meeting held on 27-08-2021. Proposals for HEFA loan will be prepared.</p> <p><b>34.5:</b> Proposal to construct 2<sup>nd</sup> floor on CII building at a plinth area estimate of Rs.1.50Cr was approved by Finance Committee &amp; BoG meeting held on 27-08-2021. Proposals for HEFA Loan will be prepared.</p> <p><b>34.6:</b> Proposal to construct 1<sup>st</sup> floor on west block of Engineering &amp; Maintenance Unit and 1<sup>st</sup> floor on South Block of Institute Health Centre (IHC) was approved by Finance Committee &amp; BoG meeting held on 27-08-2021. Proposals for HEFA loan will be prepared.</p> <p><b>34.7:</b> The demolition work has been entrusted to CPWD for the buildings of (a) Demolition of old E,F and G type Qtrs. (b) Demolition of Hostel Blocks 09, 10 and Godavari Mess. (C) Demolition of sheds at MT Section</p> <p><b>34.8:</b> The FC/BoG approved delegation of powers as under:</p> <table border="1" data-bbox="518 1182 1204 1384"> <thead> <tr> <th>Authority</th> <th>AA&amp;ES</th> <th>Tender Acceptance</th> <th>Nomination</th> </tr> </thead> <tbody> <tr> <td>FC &amp; BoG</td> <td>Full</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>BWC</td> <td>10 Crs</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>Director</td> <td>5 Crs</td> <td>Full</td> <td>2 lakhs</td> </tr> <tr> <td>Supdt. Engr.(SE)</td> <td>1 Lakh</td> <td>Rs. 20 lakhs</td> <td>Nil</td> </tr> </tbody> </table> <p><b>34.9:</b> The modalities in execution of housekeeping works are being finalized and tenders will be floated soon.</p> <p><b>34.10.1:</b> RK Signage, Hyderabad has been empaneled for works pertaining to plaques &amp; illuminated sign boards, etc. on spot quotations for visits of dignitaries.</p> <p><b>34.10.2:</b> FC &amp; BoG ratified the decision taken by Chairperson, BWC for e-tender floated for the work "Supply and installation of street lighting cable, poles, LED lights, Control box, earthing etc. as required in NIT Warangal campus" at an Estimated Cost of Rs. 1.3 Crores on 27-08-2021.</p> <p><b>34.10.3:</b> FC &amp; BoG approved construction of New substation for 1.8K/1K/DASA hostels at an Approximate Cost of Rs. 2.5 crores. The expenditure will be met from the IRG.</p>	Authority	AA&ES	Tender Acceptance	Nomination	FC & BoG	Full	NA	NA	BWC	10 Crs	NA	NA	Director	5 Crs	Full	2 lakhs	Supdt. Engr.(SE)	1 Lakh	Rs. 20 lakhs	Nil
Authority	AA&ES	Tender Acceptance	Nomination																		
FC & BoG	Full	NA	NA																		
BWC	10 Crs	NA	NA																		
Director	5 Crs	Full	2 lakhs																		
Supdt. Engr.(SE)	1 Lakh	Rs. 20 lakhs	Nil																		

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**34.10.4:** Detailed report on power distribution will be completed shortly, after receipt of recommendations from Power Grid.

**34.10.5:** "Procedural cum Operational Manual" specifying procedures, duties & responsibilities of the personal of EMU in line with SOP/Manuals of CPWD is under preparation.

**Resolution**

The Committee resolved to note the Action Taken Report on the decisions of the 34<sup>th</sup> meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 03-03-2021 at NIT, Warangal.

Item No.	<u>Name of the Item</u>
35.3	<p><b>To consider and approve the Preliminary Estimate for the work of Construction of 5 Nos of Hostel Blocks (G+9 Floors), with 4 Nos of Single seated Blocks and 1 No. of Double Seated Block and one Kitchen cum Dining Block (G+3 floors) in the Rudrama Devi Ladies Hostel Complex (RDLHC).</b></p> <p>The Buildings and Works Committee at its 34<sup>th</sup> meeting held on 03-03-2021 resolved to approve the conceptual drawings for the proposed Construction of 5 Nos of Hostel Blocks (G+9 Floors), with 4 Nos of Single seated Blocks and 1 No. of Double Seated Block and one Kitchen cum Dining Block (G+3 floors) in the Rudrama Devi Ladies Hostel Complex (RDLHC).</p> <p>The draft Preliminary Estimate prepared by the CPWD amounting to Rs.156,97,36,816/- (Rupees One Hundred and Fifty six Crores Ninety Seven Lakhs Thirty Six thousand eight hundred and sixteen only) including 3% contingencies vide PE No. 03/PE/SE (Warangal)/2021-22, based on DPAR 2021 and DSR 2021 with up to date correction slips with 100 cost indices as on 01-04-2021 for Warangal (Assumed), was considered by the Committee.</p> <p>The preliminary estimate covers cost of Hostel blocks, kitchen cum dining block, guard room, pump room, boundary wall, development and bulk services (Civil, E&amp;M works), horticulture works along with provisions for ESI &amp; EPF and Anticipated cost increase &amp; Cost Index etc. with Contingencies.</p> <p style="text-align: center;"><b><u>Resolution</u></b></p> <p><b>The Committee considered and resolved to recommend approval of the preliminary estimate for an amount of Rs.156, 97, 36,816/- .</b></p>

Item No.	<u>Name of the Item</u>
35.4	<p><b>To consider and approve the Payment of Arbitration award for the work of Renovation &amp; Re-Carpeting of Internal roads (Phase-1) for NIT Warangal.</b></p> <p>The Executive Engineer, CPWD vide letter No. 23(156) 2021 EE/ Warangal/529-532(H) dated 06.09.2021 informed that Sole Arbitrator Justice G. Yethirajulu, former Judge of AP High Court has pronounced the award vide his letter dated 07.08.2021 in favour of the claimant. The award amount is approximately Rs.45.00 lakhs plus interest as per arbitrator award.</p> <p>Shri Ravinder Viswanth, Standing Counsel has given his legal opinion vide letter dated 04-09-2021, that there are <i>'no valid grounds or patent illegalities in the above award for challenging the same before Court under section 34 of Arbitration Act , since from the fair reading of the award it</i></p>

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	<p><i>appears that the arbitrator has passed the award after careful consideration of all the pleadings, documents and submissions made by both the parties and after appreciating the stand taken by the parties by giving reasoning for his conclusions against each claim.”</i> The payment of Arbitration Award is time bound and interest bearing, the Executive Engineer, CPWD has requested to give consent for paying the claimant from available funds.</p> <p style="text-align: center;"><u>Resolution</u></p> <p>The Committee considered and resolved to approve the payment of Arbitration award in the work of Renovation &amp; Re-Carpeting of Internal roads (Phase-1) for NIT Warangal, from the Institute funds available with CPWD.</p>
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Item No.	<u>Name of the Item</u>
35.5	<p><b>To consider and approve the proposed reconstruction of Compound wall.</b></p> <p>The existing compound wall, which was constructed in phases several years back has fallen at several places. Owing to security reasons it is proposed to reconstruct the compound wall at damaged/fallen portions. The total length of compound wall is as follows:</p> <p style="padding-left: 40px;">Length of compound wall on south campus: 4455 RM. Length of compound wall on north campus: 1865 RM.</p> <p style="text-align: center;">TOTAL : 6320RM</p> <p>It was proposed to take up construction of compound wall in phased manner as per existing damaged condition and expenditure sanction. At the first instance, it is proposed to construct about 3000 Rm.</p> <p>The cost of compound wall per running meter approximately costs about Rs.36,500/-.</p> <p>The cost of 3000 Rm amounts to (3000 * 36500=Rs.10,95,00,000/-) say <b>Rs.11 Crores.</b></p> <p style="text-align: center;"><u>Resolution</u></p> <p>The Committee considered and resolved to accord in principle approval for the reconstruction of Boundary wall and the work may be executed through CPWD. The funds may be provided either from IRG or by raising HEFA Loan.</p>

Item No.	<u>Name of the Item</u>
35.6	<p><b>To consider and accord in principle approval for construction of academic buildings of Civil Engineering Department and Mechanical Engineering Department.</b></p> <p>The BWC at its 26 meeting held on 24-04-2015 agreed in principle for the construction of Civil Engineering Building. Owing to changes in requirements of departments and increase in student's intake, the need of extra space in other departments also arise. Master Plan Committee (MPC) meeting held on 24-03-2021 decided to construct new buildings for Civil &amp; Mechanical Engineering Departments considering the present and long term future requirements with state of art facilities. Again Master Plan Committee (MPC) meeting held on 05-08-2021 decided the location of buildings.</p>

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The matter was placed before the BWC to consider and accord in principle approval for construction of academic buildings of Civil Engineering Department and Mechanical Engineering Department at new proposed locations.

**Resolution**

**The Committee advised the Institute to come up with Concrete Plan and DPR.**

Item  
No.  
35.7

**Name of the Item**

**To consider and approve the proposal for construction of additional floors with pre-fabricated structures over 2<sup>nd</sup> floors of existing buildings.**

The Institute Master Plan Committee at its meeting held on 17-08-2021 decided to find the feasibility of construction of additional floors with pre-fabricated structures to meet the present and future requirements of space in the campus. The NITW and CPWD officials had a joint inspection on 24-08-2021. Based on visual inspection, the team felt that the buildings can take apparently one additional floor with pre-fabricated structures. It was proposed to assess load carrying capacity by experts of NITW.

The approximate areas mentioned against the buildings can be proposed for construction. Rest of the buildings have Solar panels on the roof tops and hence are not feasible to have additional floors.

SI No.	Name of Building	Aprox area Proposed for prefab structure	Remarks
1	Mechanical Department	250 Sqm	Feasible to go with prefab structures as it is partly vacant.
2	Ladies Waiting Hall	150 Sqm	Feasible to go with prefab structures as it is partly vacant.
3	Old Accounts Room and Old Academic Building	60 Sqm	Feasible to go with prefab structures as it is partly vacant.
4	Civil Engineering block (Transport & Geotech)	100 Sqm	Feasible to go with prefab structures as it is partly vacant.
5	Mathematics block	150 Sqm	Feasible to go with prefab structures.
6	CSE Building	400 Sqm	Removing/shifting of Antenna / Microwave tower exist on the building Staircase - 1 also to be extended.
7	ECE Building	600 Sqm	One portion is occupied by solar panel and other portion is empty. Staircase - 1 also to be extended.

**Resolution**

**The Committee advised the Institute to come up with Concrete Plan and DPR.**

*S. Goverdhan RAO*  
15.9.2021

**S. GOVERDHAN RAO**  
Registrar & Member-Secretary,  
Building and Works Committee  
National Institute of Technology  
Warangal 506 004 T.S

*N.V. Ramana Rao*  
15/9/21

**Prof. N. V. RAMANA RAO**  
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