



**MINUTES OF THE 28<sup>th</sup> MEETING OF THE BUILDING AND WORKS COMMITTEE  
OF NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL HELD ON 30.04.2016  
AT 11.00 AM IN THE GOLKONDA HOTEL, MASAB TANK, HYDERABAD.**

**MEMBERS PRESENT**

1.	Prof. T.Srinivasa Rao Director, N.I.T., Warangal – 506 021.	Chairman
2.	Dr. Janakiram Nanduri Industrialist 76, Surya Enclave, Thirmulagiri Hyderabad.	Member
3.	Prof. RLN Sai Prasad Dean (P&D), N.I.T., Warangal – 4.	Member
4.	Sri M.V.Chalapathi Rao Superintending Engineer (Electrical) HCEC, Central Public Works Dept. Nirman Bhawan, Sultan Bazar Hyderabad.	Member
5.	Sri Satpal Sharma Under Secretary Integrated Finance Division, (IFD), Dept. of Higher Education, MHRD., Gol, New Delhi.	Special Invitee
6.	Sri K.Rajan Under Secretary (NITs) Dept. of Higher Education, MHRD., Gol, New Delhi.	Member
7.	Smt D. Asha Rani, Superintending Engineer, Roads & Buildings, Rural Circle, Balkampet, HYDERABAD 500 016	Special Invitee

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8	Sri C.Laxman Superintending Engineer, Electrical Circle, Errammanzil Hyderabad 500082	Member
9	Prof. M. Chandrasekhar, Registrar I/c N.I.T., Warangal.	Member-Secretary

Dr. P. Rathish Kumar, Associate Dean (P & D) and Dr. M. Heera Lal, Associate Professor in the Department of Civil Engineering and Faculty-in-Charge, Project Engineering Unit were also present.

At the outset, the Chairman welcomed the Members and expressed thanks for making it convenient to attend the meeting as per the schedule.

Later, the following items are discussed and accordingly the resolutions are passed.

<u>Name of the Item</u>	
B.W.C. Item No.28.1	To confirm the Minutes of the 27 <sup>th</sup> Meeting of Building and Works Committee of National Institute of Technology, Warangal held on 27.11.2015 at Golkonda Hotel, Masab Tank, Hyderabad.  <u>Resolution</u> <i>The Committee resolved to confirm the Minutes of the 27<sup>th</sup> Meeting of Building and Works Committee of National Institute of Technology, Warangal held on 27.11.2015 at Golkonda Hotel, Masab Tank, Hyderabad.</i>



	<u>Name of the Item</u>
B.W.C. Item No.28.2	<p>To consider the action taken report on the decisions on the 27<sup>th</sup> Meeting of Building and Works Committee of National Institute of Technology, Warangal held on 27.11.2015 at Golkonda Hotel, Masab Tank, Hyderabad.</p> <p style="text-align: center;"><u>Resolution</u></p> <p><i>The Committee resolved to consider the action taken report on the decisions of 27<sup>th</sup> Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 27.11.2015 at Golkonda (Hotel), Masab Tank, Hyderabad.</i></p> <p><i>As regards to Item No.24.3 – The members were informed that the AMC between NIT authorities and M/s OTIS Elevators has been signed on 22nd March 2016 for a period of five years to be renewed every year for the maintenance of lifts in the academic area of the campus. Further, the members advised for discussing with M/s OTIS Elevators to train an outsourced person for continuously staying in the campus for the maintenance of the lifts in the entire campus. Such training should be completed within four to six weeks from the date of the BWC meeting.</i></p> <p><i>It was further advised that the response time cannot be more than 2 hrs in case of any serious problem in the lifts.</i></p> <p><i>As regards to Item No.24.4- The Dean P&amp; D once again reiterated the pressing demand for the construction of new girls hostel in view of the increase in the admission of girl students in the campus about the construction of Girls' Hostel with 800 capacity at NIT, Warangal. The members were informed that the award of Administrative Approval (A/A) and Expenditure Sanction (E/S) for the work was already given to the CPWD and was kept in abeyance for want of funds. The members, resolved that the construction of the new girls hostel item has to be taken and completed on top priority basis.</i></p> <p><i>While the total requirement is Rs. 100 Cr., the members agreed to allot 3% of the funds initially to start the Tender Processing.</i></p> <p><i>As a interim measure, the Committee advised to explore the possibility of alternate accommodation for girl students on the campus.</i></p> <p><i>As regards to Item No.24.5 – The members were informed that the renovation work of 1,2 and 5th blocks was already given to the CPWD in the 25th BWC. The CPWD will renovate these blocks upon confirmation of A/A and E/S from the NIT Warangal authorities and complete the work within six months time.</i></p> <p><i>The members mentioned that this renovation should be taken up on top priority The requirement amount will be approximately Rs. 10 Crores.</i></p>



**As regards to Item No.24.6** – The construction of Ambedkar Learning Center, the members were informed that the tree cutting process was completed and the site has been handed over to the contractor on 03-02-2016 and the work is under progress.

The members were informed that there were some discussions in the initial stages between the CPWD and TPQA in awarding the RMC work to M/s Visaka which was the only organisation which has come forward to provide the trip sheet. The members were informed that though the quality of the coarse aggregate was poor at the visaka RMC plant, adjustments in the mix design as suggested by TPQA in discussion with the CPWD is being followed to take care of the inferior material and is done from time to time according to the needs of the concrete at the site.

The members impressed upon TPQA that Quality monitoring of aggregate as well as RMC has to be done very rigorously. They also wanted the Progress of work to be recorded vis-à-vis the planned programme, regularly without fail.

**As regards to Item No.24.7** – the energy requirement of the campus, the members were informed that a total of 4000kW along with 15 x 100 kW of solar plant of energy requirement is required for the next 15 years for the entire campus. This is in addition to the existing 1500kW of energy capability already existing in the campus.

The Members pointed out that there has to be comprehensive assessment of power requirement of the campus while considering the augmentation of existing Sub-Station near the Girls' Hostel while considering the upcoming 100 KW Roof-top Solar Energy Plant.

The Members advised that total energy requirement should be estimated and checked once again and presented in the next BWC Meeting.

**As regards to Item No.24.8** - About the construction of new Civil Engineering Building and mechanical workshops, the members were informed that this will be taken up as priority item after Girls' Hostel.

**As regards to Item No.24.9** - About the renovation of Centre for Continuing Education building (formerly Punnami Guest House), *the Members were informed that* the work of the compound wall for this building will be taken up at the earliest.

**As regards to Item No.24.10** - The Members were informed that the Utilization Certificate of all the works has been submitted. CPWD is regularly submitting Form 65 for ongoing works The status of Utilization Certificate for Roads to be appraised in the next meeting.

*Chandrashekar*

*B. S. Srinivas*



**Under any other item the following points were discussed:**

The Members advised that the Quality Check-lists of TPQA are to be presented stage-wise.

As regards to Item 26.4 regarding the renovation and repairs to IT Theme center the members were informed that the work has been awarded to the contractor on 16-03-2016 and the work is under progress.

Members commented that

- 5% of Work Value has been deposited with CPWD in the month of November 2015, while work started in March 2016 for which reason is not explained.
- Secondly, there is no report on Actual Progress vs Planned Progress of work in the form of Bar Chart as mentioned umpteen times in previous BWC Meetings.
- Also, there is no mention of whether the estimate is revised as per the latest SSR.
- As regards to Item 26.5 regarding construction of Plaza and renovation and repairs to Conference and Seminar Halls the members were informed that the tendering work for the same will be undertaken by 15<sup>th</sup> May 2016.
- The Members questioned as to why the tendering is so much delayed when it was mentioned that it will be undertaken by 2<sup>nd</sup> week of January in the last (27<sup>th</sup>) BWC Meeting; and
- As regards to the furniture layout, the members were informed that there is a poor response from the empanelled architects of NIT Warangal and that the CPWD has forwarded the furniture layout of the Godrej make as a guideline for discussing with the relevant stake holders and come out with a furniture layout plan. The members were informed that the Dean P and D will hold discussions with the department heads of Chemical and Materials and Metallurgical Engineering and inform the same to the CPWD for further action. The members were also informed that the Master plan work was entrusted to the Civil Engineering Department of NIT Warangal.

The Members also enquired about the Master Plan for the Campus as to whether it is ready since in the last BWC Meeting, it was informed that it will be presented in the next BWC Meeting and it is not presented in the present BWC Meeting also and it is very much delayed. The Members wanted a definite target to be laid for completion of Master Plan.

*Ansley*

*G. S. S.*



The Members suggested that Interior Architects may be consulted for furniture layout and exclusive architects will be available for Computer Labs. For other Departments, CPWD offered to help.

The Members pointed out that the progress of the following works is not brought out in the ATR, which were discussed in the last (27<sup>th</sup>) BWC Meeting.

- Modified Plans & Preliminary Estimates for Residential Accommodation for Bachelors & Married Research Scholars.
- Multipurpose Indoor Stadium.
- Swimming Pool.
- CSE Building
- Civil Engineering Department Building

The Members advised that though some works will be taken up after availability of funds, they should be mentioned in the ATR. Otherwise, track will be lost. Meanwhile works on Drawings & Cost Estimates should be undertaken, without loss of time.

- As regards to 27.4 regarding the facilities for ICT academy the members were informed that the tendering work for the same will be undertaken by 21st May 2016.
- As regards to 27.5 Teaching Learning Center the members were informed that the A/A and E/S was given to the CPWD for an amount of Rs 8.97 Crores on the basis of the rough cost estimate and that the preliminary estimate has been changed to Rs 11.45 crores based on the modified architectural drawings and actual requirements. The additional amount for the same has to be approved in the FC and BOG. The members were also informed that the CPWD will go ahead with the tendering work after receiving the final approval from the NIT Warangal authorities in terms of modified drawings and revised estimate.

28.3

Name of the Item

**Review of ongoing construction work in the Campus**

The CPWD has presented the progress of work of the MME and Chemical Engineering Department buildings before the Committee as on 30-04-2016.

The Members informed the CPWD to present the progress of the work hence forth along with the bar charts and S-Curves as already mentioned a number of times in earlier meetings.

The Members commented that Physical Progress is mentioned in the ATR, while



	<p>the targets are not mentioned, which is not as per directions.</p> <p>The NCCBM, which is the Third Party Quality Assurance and Control (TPQAC) for the said works, have presented their observations on the quality of construction of the above two buildings. The members once again suggested that a check list of the Quality Management System covering the checks at every level of construction activity before proceeding to the next level shall be prepared and given to the CPWD for compliance All such reports submitted by TPQA and CPWD shall be submitted to the members of BWC along with NIT Warangal.</p>
28.4	<p><b>Under any other Item the following point was discussed</b></p> <p>In regard of the air conditioning and audio visual facilities in the seminar/conference hall in both the new Chemical Engineering and Materials and Metallurgical Engineering buildings, the members were informed that this item was originally not included in the estimates. As there is a need to provide the same, the members in principle approved the matter and informed the CPWD to go ahead with the same after getting approval from FC and BOG. The rough estimate proposed by the CPWD for this item is Rs 72.68 Lakhs for each of the buildings.</p>

(PROF M.CHANDRASEKHAR)  
REGISTRAR I/c &  
MEMBER SECRETARY  
BUILDING & WORKS COMMITTEE  
NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL 506 004

  
23/5/16

(PROF T.SRINIVASA RAO)  
DIRECTOR &  
CHAIRMAN  
BUILDING & WORKS COMMITTEE  
NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL 506 004