

**MINUTES OF THE 30th MEETING OF BUILDING AND WORKS COMMITTEE OF
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
HELD ON 18.01.2018 AT 2.30 PM IN THE
BOARD ROOM OF NIT WARANGAL**

MEMBERS PRESENT

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| 1. | Prof. N. V. Ramana Rao
Director,
National Institute of Technology,
Warangal. | Chairman |
| 2. | Prof. P. Anand Raj
Dean (Planning & Development),
National Institute of Technology,
Warangal. | Member |
| 3. | Sri M. V. Chalapathi Rao
Superintending Engineer (Electrical),
HCEC, Central Public Works Dept.,
Nirman Bhawan, Sultan Bazar,
Hyderabad. | Member |
| 4. | Prof. A. Ramachandraiah
Department of Chemistry,
National Institute of Technology,
Warangal. | Member BoG &
Special Invitee |
| 5. | Sri N.N.S.S. Rao
Chief Engineer South Zone-II
Central Public Works Department,
Nirman Bhawan, Sultan Bazar,
Hyderabad. | Special Invitee |
| 6. | Sri M. Satyanarayana
Superintending Engineer,
(R & B) Circle, Circuit Guest Road,
Hanamkonda. | Member |
| 7. | Prof. K. Laxma Reddy
Registrar I/c,
National Institute of Technology,
Warangal. | Member-Secretary |

Shri. Sanjeev Kumar Sharma, Director, NITs, Shri. Anil Kumar, Director (Finance), Integrated Finance Division, MHRD, Government of India, New Delhi, expressed their inability to attend the meeting.

Dr. P. Ratish Kumar, Faculty In-charge and Er. G. Ramesh, Executive Engineer of Engineering & Maintenance Unit were also present.

At the outset, the Chairman welcomed the Members and expressed gratitude for making it convenient to attend the meeting.

Thereafter, the Agenda Items are taken up for discussion. The decisions of the BWC are presented below:

BWC Item No.30.1	<u>Name of the Item</u>
	To Confirm the Minutes of the 29 th Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 12 th May, 2017 at 3.00 P.M. in the Board Room of NIT, Warangal.
	<u>Resolution</u>
	The Committee resolved to confirm the Minutes of the 29 th Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 12 th May, 2017 at 3.00 P.M. in the Board Room of NIT, Warangal.

BWC Item No.30.2	<u>Name of the Item</u>
	To consider the action taken report on the decisions of 29 th Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 12 th May, 2017 at 3.00 P.M. in the Board Room of NIT, Warangal.
	<u>Resolution</u>
	The Committee resolved to consider the action taken report on the decisions on the 29 th Meeting of the Building and Works Committee of National Institute of Technology, Warangal held on 12 th May, 2017 at 3.00 P.M. in the Board Room of NIT, Warangal.
	It was resolved that the repair works of Hostel blocks 3, 4, 11 & 13 in the campus will be taken up by the CPWD along with the compound wall covering Hostel Block No's 11 to 13. It was also resolved that the compound wall between the 1st and 2nd gate of the main road will be taken up by the CPWD.

BWC Item No.30.3	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the Installation of Grid Connected Rooftop Solar Power Plant In the Institute.</p>
	<p style="text-align: center;"><u>Resolution</u></p> <p>The committee considered and approved the proposal for Installation of Grid Connected Rooftop Solar Power Plant In the Institute. The committee discussed in detail regarding installation of Grid connected Rooftop Solar Power Plant in the Institute. The Committee further suggested exploring the possibility of installation under CAPEX mode instead of RESCO mode.</p> <p>Installation under CAPEX mode means, the Institute itself has to float the tender & invest the capital and O&M costs. In RESCO mode Institute will not invest any capital and O&M expenditure throughout the period of Power Purchase Agreement (i.e., for 25 years). This also saves the time and energy in tendering process. In case the Institute is not satisfied with the vendor of the RESCO mode, there is buy back option at any point of time of PPA. This amounts to going back to CAPEX mode only. A rough estimate of the expenditure given below:</p> <p>Capital investment comes to Rs.60,000/kWp*1400kWp = Rs.840.00 Lakhs O&M charges Rs. 1000/kWp per annum*1400kWp = Rs. 14.00 Lakhs</p> <p>In addition, inverters are to be replaced after 10 years of period at an additional cost. Therefore the total capital investment including incidental amounts to around Rs. 900.00 Lakhs.</p> <p>The committee further suggested to work out the economics in the installation of project and authorizes the Director, NIT, Warangal to take suitable decision.</p>

BWC Item No.30.4	<p style="text-align: center;"><u>Name of the Item</u></p> <p>To consider and approve the Renovation and Refurbishment of Auditorium of the Institute.</p>
	<p style="text-align: center;"><u>Resolution</u></p> <p>The committee considered the need and approved the renovation and refurbishment of Auditorium. A rough cost estimate was presented to the committee. The committee pointed out that the proposed roof sheeting and flooring is to be modified. The auditorium shall be fully air conditioned. The committee also suggested wooden flooring with pathway lights. It is resolved that the estimates and work is proposed to be given to CPWD. The rough cost estimate will have to be recast with the revised scope of the work and circulated among the members for approval. Appropriate GST will be included as per norms.</p>

BWC Item No.30.5	<u>Name of the Item</u>
	To consider and approve the Renovation of Old Boy's Hostels (3 rd , 4 th , 5 th , 11 th , and 13 th Blocks) of the Institute.
	<u>Resolution</u>
	The committee considered and approved the proposal for renovation of Hostel blocks (3 rd , 4 th , 5 th , 11 th and 13 th blocks) of the Institute. The provision for GST may be considered at 12%. The estimate with 12% GST is approved for an amount of Rs. 1,13,565,000/-. The work is proposed to be given to CPWD for preparing the detailed estimates and executing the work.

BWC Item No.30.6	<u>Name of the Item</u>
	To consider and approve the Renovation of Director's Bungalow of the Institute.
	<u>Resolution</u>
	The committee considered and approved the estimate for renovation of Director's bungalow of the Institute for an amount of Rs. 41,80,000/-.

BWC Item No.30.7	<u>Name of the Item</u>
	To consider and approve the construction of Compound Wall (Front Portion) of the Institute.
	<u>Resolution</u>
	The committee considered and approved the estimate for the proposed compound wall for an amount of Rs.1,50,00,000/-. The work is proposed to be entrusted to CPWD.

BWC Item No.30.8	<u>Name of the Item</u>
	To consider and approve for laying of internal roads in and around the new Buildings of Metallurgical and Materials Engineering & Chemical Engineering of the Institute.
	<u>Resolution</u>
	The committee considered the proposal for laying of internal roads in and around the new buildings of MME & Chemical Engineering. The committee also suggested laying road with cement concrete instead of BT surface. This work is entrusted to CPWD. The estimate with CC may be re-casted by CPWD with 12% GST and circulate amongst the members for approval. All the necessary technical inputs for the road laying will be obtained by CPWD.

BWC Item No.30.9	<u>Name of the Item</u>
	To consider and approve the construction of Faculty Clusters (30 Nos).
	<u>Resolution</u>
	The committee considered and approved the estimate for construction of 30Nos of faculty clusters for an amount of Rs.3,89,85,000/- with 12% GST.

BWC Item No.30.10	<u>Name of the Item</u>
	To reconsider the construction of New Ladies Hostel in the Institute.
	<u>Resolution</u>
	The committee re-considered the proposal for construction of new Ladies Hostel which was already approved in the 24 th Building and works committee and subsequently by FC and BoG. The committee accepted to continue with the previous estimates and decided to get the funds from MHRD to go ahead with the work entrusting it to CPWD.

Item No. 30.11 Under any other Item:


BWC Item No.30.11.1	<u>Name of the Item</u>
	To consider and approve the estimates and tenders for Housekeeping services for Hostel buildings.
	<u>Resolution</u>
	The committee considered and approved the estimates for Housekeeping services of following hostel buildings for a period of 2 years.
	<p>A) Housekeeping services for Halls of Residence for 1800 students (Ultra Mega Hostel) for an amount of Rs.2,30,40,000/-.</p> <p>B) Housekeeping services for Halls of Residence for 1000 students (Mega Hostel) for an amount of Rs. 1,65,60,000/-.</p> <p>C) Housekeeping services for Halls of Residence for International Students Hostel (DASA) for 250 students for an amount of Rs. 40,80,000/-.</p>
	The committee also suggested to add 7.5% towards contractors profit in Housekeeping services. The committee authorized the Director, NIT, Warangal to approve the lowest tenderer after evaluation of tenders.

	<u>Name of the Item</u>
BWC Item No.30.11.2	<p>Information regarding the construction of Pre Engineering construction above the existing dining hall in the Ladies Hostel.</p> <p style="text-align: center;"><u>Resolution</u></p> <p>The committee noted the construction of Pre-Engineered construction above the existing dining hall in the Ladies Hostel.</p> <p>The committee discussed the possibility of construction of TLC building for 7 floors instead of G+2. The Prof I/c TLC is asked to submit requirements for floors above the G+2 for increased functional utility.</p> <p>The committee also discussed the following items of works which are necessary in near future:</p> <ul style="list-style-type: none"> • The proposal for International Guest House is discussed and it is decided to place the plans and estimates in the ensuing BWC meetings. • The structure above the existing SAC building will be done with Pre Engineered construction. • The construction of community hall in the premises of the continuing education building for staff of NIT Warangal is discussed and suggested to place the proposals in the ensuing meetings. • The drainage system in the campus is in a very bad condition and due to increase in the students/ staff strength it will be further worsen the situation. Therefore, the committee suggested placing the estimates of relaying the drainage system in the campus with adequate capacity of the system. • The committee also suggested naming the new Hostels 1.8K, 1K, DASA and other buildings/Hostel blocks with suitable names of Leaders of National importance and Scientists.

The meeting concluded with thanks to all the Members of the Building and Works Committee.


28.01.2018

Prof. K. LAXMA REDDY
Registrar I/c & Member-Secretary,
Building and Works Committee
National Institute of Technology
Warangal 506 004 T.S


28/1/18

Prof. N. V. RAMANA RAO
Director &
Chairman, Building and Works Committee
National Institute of Technology
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