



MINUTES OF 27th MEETING OF THE BUILDING & WORKS COMMITTEE HELD ON 19th JULY 2021 AT 04.00 PM THROUGH WEBEX(ONLINE), NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI.

PRESENT:

1. Dr. Mini Shaji Thomas - Chairperson
Director,
NIT, Tiruchirappalli – 620 015

2. Shri Mrutyunjay Behera -Member
Economic Advisor
Dept of Higher Education,
MoE, Govt.of India

3. Dr. M. Duraiselvam - Member
Dean (Planning & Development)
NIT, Tiruchirappalli – 620 015

4. Shri. Maruthanayagam Dhayalan - Member
Power grid corporation of India ltd
Tamil Nadu

5. Dr. R. G. Robinson, Professor, - Member
Department of Civil Engineering
Indian Institute of Technology Madras
Chennai – 600 036

6. Dr. S. Jerome - Member
Board representative, Asst Professor,
Dept. of MME,
NIT, Tiruchirappalli – 620 015

7. Dr. N. Kumaresan - Member Secretary
Registrar i/c
NIT, Tiruchirappalli – 620 015

8. Dr. M. P. Selvan - Special Invitee
Associate Dean (Planning and Development)
NIT, Tiruchirappalli-620015
9. Dr. R. Senthilkumar - Special Invitee
Associate Dean (Planning and Development)
NIT, Tiruchirappalli-620015
10. Er. R. Narayanan - Special Invitee
Executive Engineer,
NIT, Tiruchirappalli – 620 015
11. Er. J. Ganesh Ram - Special Invitee
Executive Engineer (Civil) (for item no:4 ii)
Trichy Central Electrical Division, CPWD,
Trichy – 620 015

The Chairperson welcomed the Members and Special Invitees to the 27th Meeting of the Building and Works Committee and briefed the B&WC about the observations and developments in the Institute since the last B&WC Meeting. Thereafter the Agenda items were taken up for discussion.

ITEM NO. 1. CONFIRMATION OF THE MINUTES OF THE TWENTY SIXTH MEETING OF THE BUILDING & WORKS COMMITTEE HELD ON 11.09.2020.

The Minutes of the 26th Meeting of the Building & Works Committee (B&WC), NIT Tiruchirappalli held on 11th Sep 2020 were confirmed as circulated.

RESOLUTION RESOLVED THAT the Minutes of the 27/B&WC/2021/1 26thMeeting of Building & Works Committee be Confirmed.

ITEM NO. 2. ACTION TAKEN REPORT ON THE MINUTES OF THE 26thB&WC MEETING HELD ON 11.09.2020.

The details of Action Taken on the decision of the B&WC are given below:-

Resolution No.	Gist of the Decisions of the 26thMeeting of the B&WC	Action Points / Action Taken
26/B&WC/2020/1	Confirmation of the Minutes of the 25 th Meeting of B&WC	Confirmed. No action is required
26/B&WC/2020/2	Action Taken Report on the Previous Meeting of the B&WC.	Appropriate actions were taken
26/B&WC/2020/3	The demolition of existing snacketeria (canteen) building was proposed to accommodate the new annexure building for EEE department in the same site.	The proposal was accepted in BoG vide resolution no: 60/BoG/2020/06; in the larger interest of the Institute. The Board also resolved that the Institute will create an alternate arrangement for the snacketeria temporarily, till the completion of the new building with the canteen space. The place for temporary snacketeria has been identified and work is starting from August end.

26/B&WC/2020/4	Ratification and approval of the Works executed & undertaken by the Estate Department from 01/06/2020 to 31/08/2020.	Ratified and appropriate actions were taken.
	Progress report of various construction works entrusted to CPWD	The progress of work carried out by CPWD was inspected by Monitoring committee fortnightly and the periodic report was submitted.

RESOLUTION **RESOLVED THAT the action taken on the**
27/B&WC/2021/2 **decisions of the 26th Meeting of Building & Works**
Committee be noted.

ITEM NO 3. APPROVAL OF MOU TO BE SIGNED BETWEEN NIT, TRICHY AND CPWD UNDER EPC MODE.

As per the Directions of the Board of Governors, for all the future construction works, the Engineering, Procurement and Construction (EPC) mode will be adopted by the Institute and accordingly the EPC Mode MOU has been prepared with inputs from other Institutes like IIM Tiruchirappalli and IIIT Tiruchirappalli.

The MOU is finalized by the BWC and the same is recommended to the Board of Governors for approval.

It is also recommended that the EPC mode MoU will be signed for the 506-Seater Boys Hostel and the six department Annexe Buildings for which the AA & ES has already been issued to CPWD for construction.

RESOLUTION **RESOLVED THAT EPC mode of agreement can be**
27/B&WC/2021/3 **made for all the future CPWD works and also to the**
506 seated Boys hostel. It is being recommended to
Finance Committee.

ITEM NO 4. PROPOSALS FOR RATIFICATION OF ADDITIONAL EXPENDITURE IN THE WORKS BY CPWD

The Institute has been engaging CPWD in the construction of different Civil Structures and Electrical works in the campus. For many of the completed works from the timeframe 2006 -2016 the Completion Certificate was not submitted by CPWD, although the Institute has been pursuing this matter constantly. CPWD has now submitted the Completion Certificates of 42 nos. Civil works and 25 nos. electrical works completed and the Form 65 for the current financial year 2020-2021 which reflects this.

It was found that some of the works which were executed in the 2006-2016 time frame, the actual expenditure was more than the approved expenditure by the BWC/FC/BoG. Hence, the following items are brought to the BWC for ratification.

a. Additional expenditure for “Construction of Multipurpose Hall” - Rs.2.76 crore-July 2013

The Board of Governors in its 32nd Meeting approved Rs. 13.93 Crores for the above mentioned work in the year 2012 as per the recommendations of 12th B&WCa and 19th FC. The Administrative approval accorded for Phase-1 work was Rs. 13.93 crore. During the execution of the work, additional work and an increase in material quantity were incurred to elevate the floor level (since the site is located near the lake), and the expenditure for these items was not forecasted during the estimation. The actual expenditure against Phase-1 is Rs.16.69 crore, already remitted by the Institute and the building is in use from 2017. The revised Preliminary estimate for an amount of Rs. 16.69 crore has been submitted by CPWD. The additional expenditure incurred over and above the Administrative approval was Rs.2.76 crore. Hence additional amount of Rs.2.76 crores is recommended for forthcoming FC and BoG.

b. Additional expenditure for “Construction of Dining Hall with seating capacity 350 No’s at Amber hostel”- Rs.0.44 crore-Dec 2012

The Administrative approval for Construction of Dining Hall with seating capacity of 350 Nos. at Amber hostel was given to CPWD on March-2013. The work was approved in 12th BWC, 19th FC and 32nd BoG held on 22nd Dec-2012. The Administrative approval accorded for an amount of Rs. 1.72 Crore. During the execution of work considerable additions and alterations were taken up to suit the structural design which has resulted increase in the expenditure of work. The total expenditure incurred for this work is Rs. 2.16 Crore, already remitted by the Institute and the building is in use from January 2015. The revised Preliminary estimate for an amount of Rs.2.16 Crore has been submitted by CPWD. Hence additional amount of Rs.0.44 crores is recommended for forthcoming FC and BoG.

c. Additional expenditure for “Conversion of OH Lines into UG Cable for Street lights and Service connections”- Rs.0.25 crore-Dec 2012

The Administrative Approval was accorded for Conversion of OH Lines into UG Cable for Street lights and Service connections was given to CPWD for an amount of Rs.2.47 crore. The work was recommended in 12th BWC & 19th FC, and it was approved in 32nd BoG held on 22nd Dec-2012.

During the execution of work considerable additions and alterations were taken up to suit the site condition which has resulted increase in the expenditure of work. The total expenditure incurred for this work is Rs. 2.72 crore, already remitted by the Institute. The revised Preliminary estimate for an amount of Rs. 2.72 crore has been submitted by CPWD. Hence additional amount of Rs.0.25 crores is recommended for forthcoming FC and BoG

**d. Additional expenditure for “Purchase of 750 kVA DG set at NIT, Trichy”.-
Rs.1.22 crore –Sep 2013**

The Administrative Approval was accorded for Purchase of 2X750kVA DG sets for an amount of Rs. 2.00 crore. The work was recommended in 13th BWC & 21st FC, and it was approved in 34th BoG held on 03rd Aug-2013. While preparing the detailed estimate and due to site requirement, the actual expenditure was incurred for an amount of Rs.3.22 Crore, already remitted by the Institute. The revised Preliminary estimate for an amount of Rs. 3.22 crore has been submitted by CPWD. Hence additional amount of Rs.1.22 crores is recommended for forthcoming FC and BoG

E. Additional expenditure for “Rewiring of 9 nos. of hostels including Coral, Opal A,B,C ,Coral and Jade Hostel “ Rs.2.27 crore-Apr-2014

The Administrative approval was accorded for an amount of Rs. 2.5 Crore in the 15th BWC, 27th FC and 40th BoG held on 01-Dec-2015 for the Rewiring of 9 nos. of hostels including Coral, Opal A,B,C ,Coral and Jade. While preparing the detailed estimate and due to site requirement, the actual expenditure was incurred for an amount of Rs.4.77 Crore, already remitted by the Institute. The revised Preliminary estimate for an amount of Rs. 4.77 Crore has been submitted by CPWD. Hence additional amount of Rs.2.27 crores is recommended for forthcoming FC and BoG

F. Additional expenditure for “Augmentation of LT Electrical installation at various buildings” at NIT, Trichy - Rs.0.29 crore - Mar-2014

The Administrative Approval was accorded for an amount of Rs. 1.73 Crore in Mar-2014, ratified in the 17th BWC, 31st FC and 44th BoG held on 20-Mar-2017 for augmentation of LT electrical installation at various buildings. While preparing the detailed estimate and due to site requirement, the actual expenditure incurred was for an amount of Rs.2.02 crore, which is

remitted by the Institute. The revised Preliminary estimate for an amount of Rs. 2.02 crore has been submitted by CPWD. Hence additional amount of Rs.0.29 crores is recommended for forthcoming FC and BoG

**RESOLUTION RESOLVED THAT Proposal for the ratification
27/B&WC/2021/4 from (A) to (F) be recommended to Finance
Committee.**

ITEM NO. 5 REPORTING ITEMS

i) REPORTING OF THE WORKS EXECUTED BY THE ESTATE

MAINTENANCE DEPARTMENT FROM 01.07.2020 TO 15.07.2021.

The list of works (Completed & Paid, Completed, In Progress and Approved) executed by EMD were noted, as given in Annexure-K of the Agenda.

ii) PROGRESS REPORT OF VARIOUS CONSTRUCTION WORKS ENTRUSTED TO CPWD

a) Construction of Laboratory Annex Building for Chemical Engineering Department:

Work completed, inauguration in Oct-2020 and the building is occupied by the department.

b) Construction of Girls Hostel (G+2) 125 Double Seated Rooms - OPAL F Block:

The Administrative approval for Construction of Girls Hostel (G+2) 125 Double Seated Rooms (Opal-F) was entrusted on Jan-2018. The actual work commenced on May-2018 with a due for work completion on May-2019. The finishing works are under progress and the work delay is mainly due to lesser manpower. The mock room was completed only in March 2020. The finishing work are under progress.

During the construction of G+2 floors, additional two more floors are entrusted to CPWD for accommodating more students.

The Executive Engineer, CPWD has promised to complete and handover the building (the entire G+4 floors) by the end of August 2021 with a delay of 27 months from the original time frame.

c) **Vertical expansion of Girls hostel (Opal 'F' block – two floors)**

The Administrative approval for Vertical expansion for additional two more floors was entrusted to CPWD on Oct-2019. The actual work was commenced on Mar-2020 with a due for work completion on Nov-2020. The structural frame work was completed and the finishing works are under progress. The work progress of the entire project is very slow. The B&WC requested the CPWD to speed up the work, as the Ladies hostel is an absolute necessity as the girl students' strength has increased.

The Executive Engineer, CPWD has promised to complete and handover the building (the entire G+4 floors) by the end of August 2021 with a delay of 9 months from the original time frame.

d) **Vertical expansion of Lecture hall complex:**

The Administrative approval for Vertical expansion of Lecture hall complex was entrusted to CPWD on Nov-2019. The actual work commenced on Jun-2020 with a scheduled completion of Jun-2021. The casting of floor slabs is under progress. The roof slab of 6 nos. completed against the total of 11 nos. It is committed by CPWD to complete the demo room by the end of August 2021. The EE, CPWD has promised to complete the entire work by the end of December 2021.

Fortnight review meetings are held and CPWD has been informed to speed up the ongoing works.

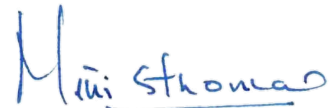
RESOLUTION
27/B&WC/2021/5

- (i) **RESOLVED THAT the (i) works executed by the Estate Maintenance Department from 01.07.2020 TO 15.07.2021**
(ii) **Progress of various construction works entrusted to CPWD be noted. CPWD should speed up the construction of the ladies' hostel.**

The Meeting ended with vote of thanks to the Chair.



Member Secretary



Chairperson