



**MINUTES OF 36th BUILDING & WORKS COMMITTEE
MEETING HELD ON 18 December 2024, 04.00 PM AT OOM room
(Hybrid mode), NATIONAL INSTITUTE OF TECHNOLOGY,
TIRUCHIRAPPALLI.**

PRESENT:

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| 1. Dr G. Aghila
Director
NIT Tiruchirappalli | - Chairperson |
| 2. Shri N S Bisht
Deputy Secretary
MoE, Govt. of India | - Member |
| 3. Smt. Veena Dunga
Deputy Secretary, (NIT-Division),
MoE, Govt. of India | - Member |
| 4. Dr K. Baskar
Dean (Planning & Development)
NIT Tiruchirappalli | - Member |
| 5. Shri. Maruthanayagam Dhayalan
Power grid corporation of India ltd
Tamil Nadu | - Member |
| 6. Dr Satheeshkumar V
Department of Production
NIT Tiruchirappalli | - BoG Member |
| 7. Dr N. Thamaraiselvan
Registrar i/c
NIT Tiruchirappalli | - Member Secretary |
| 8. Dr S. Moorthi
Chief of Works
NIT Tiruchirappalli | - Special Invitee |
| 9. Dr Jeevan Joseph
Associate Dean (Planning & Development) – Civil
NIT Tiruchirappalli | - Special Invitee |
| 10. Dr D. Kannamma
Associate Dean (Planning & Development) – Infra
NIT Tiruchirappalli | - Special Invitee |

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| 11. Dr Karthik Thirumala
Associate Dean (Planning & Development) - Electrical
NIT Tiruchirappalli | - Special Invitee |
| 12. Er R. Narayanan
Executive Engineer,
NIT Tiruchirappalli | - Special Invitee |

The Chairperson welcomed the Members and the Special Invitees to the 36th Meeting of the Building and Works Committee and briefed the B&WC about the project updates since last B&WC Meeting. Thereafter, the Agenda items were taken up for discussion.

**ITEM No. 1 CONFIRMATION OF THE MINUTES OF THE 35th MEETING OF THE
BUILDING and WORKS COMMITTEE HELD ON 28.10.2024**

The Minutes of the 35th Meeting of the Building and Works Committee (B&WC) of the National Institute of Technology, Tiruchirappalli, held on 28th October 2024 were confirmed as circulated.

Resolution 36/B&WC/2024/1	RESOLVED THAT the Minutes of the 35th Meeting of Building & Works Committee be Confirmed.
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**ITEM No. 2 ACTION TAKEN REPORT ON THE MINUTES OF THE PREVIOUS
MEETING HELD ON 28.10.2024**

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

Resolution No.	Gist of the Decisions of the 35th Meeting of the B&WC	Action Points / Action Taken
35/B&WC/2024/1	Confirmation of the Minutes of the 34 th Meeting of B&WC	Confirmed.
35/B&WC/2024/2	Action Taken Report on the Previous Meeting of the B&WC.	Appropriate actions were taken.
35/B&WC/2024/3	Approval of New work proposal Item no: 3(i)- Acoustical Treatment for Golden Jubilee Convention Hall	Will be presented in the forthcoming BWC with an estimate from CPWD.
35/B&WC/2024/4	PROPOSALS FOR RATIFICATION OF ADDITIONAL EXPENDITURE IN THE WORKS BY CPWD i) Rewiring of 9 nos. of hostels including Emerald, Lapis, Pearl, Ruby, Sapphire, Topaz, Beryl, Agate, and Diamond – 2014 ii) Construction of Multipurpose Hall (GJCH-Golden Jubilee Convention Hall) – 2013 iii) Construction of Dining hall with kitchen for Amber hostel – 2012	Presented in this 36 th BWC with additional details for ratification. A detailed information has been sought from CPWD for the additional expenditure incurred and will be presented in forthcoming BWC for ratification. Further to the approval of 35 th BWC, the ratification request submitted to FC & 76 th BoG for approval.

36th Meeting of B&WC to be held on 18.12.2024 in Oom Room, NIT Tiruchirappalli

35/B&WC/2024/5	(i) Reporting of the works executed by the Estate Maintenance Department From 16.05.2024 To 15.10.2024	Noted the executed and ongoing works and appropriate actions were taken.
	(ii) Progress Report of Various Construction Works Entrusted to CPWD	Noted the ongoing works and appropriate actions were taken.
	(iii) Third-Party Quality Assurance (TPQA) for road carpeting work.	Tender in process.

Resolution 36/B&WC/2024/2	RESOLVED THAT the action taken on the decisions of the 35th Meeting of Building & Works Committee be noted.
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ITEM No. 3. APPROVAL FOR NEW WORKS

i	Compound Wall for Ladies Hostel Complex – Opal	Rs. 3.75 Crore
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The Opal Hostel complex has six blocks (Opal A-Opal F), accommodating close to two thousand inmates. The existing compound wall around the Opal Girls hostel was constructed at different time periods, simultaneously with the expansion phase of the Hostel. Off late, a 50 m stretch of the compound wall collapsed to the outer side of the hostel and currently these stretches are temporarily closed to avoid trespassing. The balance stretches of the wall, adjacent to shops, cycle parking facility, playground, walk way etc., are also significantly damaged, and needs to be reconstructed at the earliest, in order to ensure the safety of the hostel inmates. CPWD has submitted a rough cost estimate for the reconstruction of the wall approximately 1.4 km perimeter and 3.6 meter height, amounting Rs. 3.75 Crore. Building and Works Committee may kindly consider and accord approval for the proposed work for Rs. 3.75 crore under OH-35.

Resolution 36/B&WC/2024/3/i	The Building and Works Committee reviewed the proposal and recommended to FC and BoG for a cost of Rs. 3.75 crore under OH-35/IRG fund.
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ii	Natural Gas Pipeline Project for the Institute	Rs. 0.4 Crore
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With the progressive increase in the intake of students, the campus at present supports above ten thousand residents staying in residential zones and hostels. In order to facilitate hassle free supply of gas for kitchen usage in Hostel and Quarters Zone (Food preparation), the current proposal is put forward for providing Natural gas supply through underground pipe line inside the campus. IRM Energy Limited holds the exclusive rights by the Petroleum & Natural Gas Regulatory Board (PNGRB) to develop the CGD (City Gas Distribution) infrastructure and supply Piped Natural Gas in Tiruchirappalli & Namakkal districts of the state of Tamil Nadu. This project promotes natural gas instead of LPG that will lead lower CO₂ emission. Hence, the Building and Works Committee may kindly consider and accord approval for the proposed work for Rs. 0.4 crore under OH 35.

Resolution 36/B&WC/2024/3/ii	The Building and Works Committee reviewed the proposal in-principle and recommended to FC and BoG for a cost of Rs. 0.4 crore under IRG fund. The service/establishment charges borne by the institute shall be collected/managed from the users.
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iii	Annual Maintenance Contracts for the Estate Maintenance Department	Rs. 12.83 Crore
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The Annual Maintenance Contract (AMC) is a recurring expenditure incurred every year for executing regular maintenance-related activities in the Institute. The proposed AMC for FY 2025-26 with revised value (in Table-1) shall be initiated with an expected escalation of 10-15% in the current value (Annexure-1), considering the increase in the minimum wages for manpower and inflation in the cost of purchase of components, consumables and fuels. Hence, the Building and Works Committee may kindly accord approval under the **OH-31** fund.

Table1: Details of Proposed Annual Maintenance contracts (AMCs) – For Approval

Sl. No.	List of AMC works	Proposed Value of the Contract (Rs.)
1	Quarters zone Housekeeping AMC	80,00,000
2	Sewage treatment plant AMC	46,00,000
3	Institute zone Housekeeping AMC	3,16,00,000
4	Operation & Maintenance of Water Supply	73,00,000
5	Horticulture AMC	1,60,00,000

6	Sump & water tank cleaning	7,10,000
7	Water purifier AMC	33,00,000
8	AMC Civil Maintenance Works	2,54,00,000
9	CAMC (Electrical System) of LT installations and Fuse of Calls for Institute and Quarters Zone-Work order	90,00,000
10	CAMC (Electrical System) of LT Installations and fuse of calls for Hostel zone.	92,00,000
11	CAMC for the 6 Nos. Kone make lifts at various hostel building at NIT, Trichy	8,50,000
12	CAMC for Johnson Lifts (02 Nos) installed in OPAL-F Building NIT, Trichy	2,00,000
13	AMC for 2x500kVA LT DG sets	63,000
14	AMC for 2x750 kVA HT DG Sets	85,000
15	Semi-comprehensive AMC for the 11 Nos. of M/s. Johnson Make Lifts at various locations at NIT, Trichy	6,50,000
16	CAMC for the 7 Nos of M/s. Techno Make Lifts at various locations at NIT, Trichy	8,00,000
17	Hiring of Manpower / Human resources for Operation of 11/0.433 kV Substations with DG Sets, 11 kV Ring Main Units and Maintenance of Solar Power plants, attending fuse of calls and other panels connected to the system	62,00,000
18	CAMC (Electrical system) of HT Installations	10,00,000
19	CAMC for the One No of M/s. Johnson Make Lift located in the LOGOS building	78,000
20	Air conditioner AMC (Package, Split AC, Cassette, VRF)	32,00,000
Proposed AMC amount - For approval		12,82,36,000

- The details of the AMC work and the current value of the contract, approved in 74th BoG is listed in Annexure 1.

Resolution 36/B&WC/2024/3/iii	The Building and Works Committee reviewed the AMC proposals and recommended to FC and BoG for a cost of Rs. 12.83 crore under OH-31 fund.
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ITEM No. 4. RATIFICATION PROPOSALS FOR THE ADDITIONAL EXPENDITURE INCURRED IN THE FOLLOWING PROJECTS EXECUTED BY CPWD

The following two works executed by CPWD during the period 2013-2014 at this Institute incurred additional expenditure as detailed below:

1. Rewiring of 9 Nos. of Hostels including Emerald, Lapis, Pearl, Ruby, Sapphire, Topaz, Beryl, Agate and Diamond [Additional Expenditure of Rs.0.86 Crores]
2. Construction of Multipurpose Hall (GJCH) [Additional Expenditure of Rs.2.76 Crores]

The matter was discussed in the previous meeting of BWC and BWC has directed to furnish additional documents. The relevant details pertaining to the above works are placed before the BWC.

Resolution 36/B&WC/2024/4/i	BWC has recommended the ratification of the additional expenditure for the rewiring of 9 Nos of Hostels to the FC and BoG. BWC has recommended to place additional documents/details for the construction of multi-purpose hall in the next meeting of the BWC for further consideration.
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ITEM No. 5 REPORTING ITEM

(i) Reporting of the works executed by the ESTATE MAINTENANCE DEPARTMENT FROM 29.10.2024 to 11.12.2024

The list of works (Completed & Paid, Completed& bill in progress, Work in Progress) executed by the Estate Maintenance Department, NITT, has been reported.

(ii) Progress Report of Various Construction Works Entrusted to CPWD

a) 506 seated Amethyst Boy's hostel:

The construction of the 506 seated AMETHYST boys' hostel was completed and the hostel was given for student accommodation. The compound wall and cycle parking work were also completed. The furniture purchase for the hostel is in process. The underground UG sump of capacity 5 lakhs in under completion stage. The re-tender for 3 lakhs litre Over Head Tank is under process.

b) Annex building for the Production, MME & Mechanical department:

Production department: The finishing activities along with the sewer line & development works are under progress. The proposed completion schedule of the building is Dec 2024.

MME & Mechanical department: The finishing activities along with the sewer line & development works are under progress. The proposed completion schedule of the building is Dec 2024.

c) Annex building for the ICE, Civil & EEE department:

ICE department: The floor tiles laying inside the lab, lab cupboard, and the fixtures are under progress.

Civil department: The floor slab casting is completed. The brick work and plastering are in progress.

EEE department: The second-floor slab casting completed and third floor work is in progress. The brick work and plastering on the G+2 floors are in progress.

d) Recarpeting of NITT campus roads:

The scope of road recarpeting is inclusive of road widening too. Hence, the road widening work was started on 7th street, 1st street & REC middle school road. The GSB (Granular Sub-Base) for road widening is completed. The top layer recarpeting work will be started after the completion of the rainy season.

e) Construction of New Kitchen for OPAL Mess

The CPWD contractor for the construction of Opal kitchen has demarked the area for the kitchen construction and the same was confirmed with Hostel Chief Warden for clearance. The hindrance in the proposed area was cleared and the work front was released to the contractor.

(iii) Soil Excavation by the Contractor of CPWD

The soil excavation done by the Contractor engaged by the CPWD at NIT Tiruchirappalli and the communications exchanged between the Institute & CPWD were reported.

Resolution 36/B&WC/2024/5	Resolved that (i) Works executed by the Estate Maintenance Department from 29.10.2024 to 11.12.2024 are noted. (ii) Progress of various construction works entrusted to CPWD are noted. (iii) BWC has recommended to communicate to CPWD to blacklist the Contractor and to submit the compliance/status report.
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The Meeting ended with vote of thanks by the Chairperson.



Member Secretary


Chairperson