

NATIONAL INSTITUTE OF TECHNOLOGY, AGARTALA
Barjala, Jirania, West Tripura – 799046

**Minutes of the 33rd Building & Works Committee Meeting
held on February 24, 2015**

The 33rd meeting of the Building & Works Committee of National Institute of Technology, Agartala was held on **February 24, 2015** (Tuesday) at 6:00 pm in the Conference Room of NIT Transit House, Kunjaban, Agartala, Tripura.

Prof. (Dr). Gopal Mugeraya, Director and Chairman of the Building & Works Committee (B&WC), NIT, Agartala, presided over the meeting.

The following members were present:

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| ❖ Prof. (Dr). Gopal Mugeraya,
Director, N.I.T., Agartala. | : | Chairman, B&WC,
NIT, Agartala |
| ❖ Sri Rajesh Singh Solanki,
Under Secretary, MHRD, GOI | : | Member |
| ❖ Sri Asit Bhaumik,
Addl. Chief Engineer / Representative of
PWD (Civil), Govt. of Tripura. | : | Member |
| ❖ Sri Kajal Banik,
Executive Engineer (Elect.),
Electrical Inspectorate/ Representative of
PWD, Govt. of Tripura. | : | Member |
| ❖ Dr. Sujit Kumar Pal,
Dean (P & D), N.I.T. Agartala. | : | Member |
| ❖ Dr. Richi Prasad Sharma,
Professor, Civil Engg. Department.
NIT Agartala. | : | Member |
| ❖ Mr. Sumanta Chakrabarti,
Registrar (I/C), N.I.T., Agartala. | : | Member Secretary |

The Chairman welcomed all the members present in the meeting and requested the Registrar (I/C) and Dean (P&D) to initiate Agenda wise discussions.

Item No. 32.1: Confirmation of the Minutes of the 32nd Building & Works Committee Meeting held on 26th September 2014 in the Conference Room of NIT Transit House, Kunjaban, Agartala, Tripura.

The minute of the 32nd Building & Works Committee Meeting held on 26th September 2014 in the Conference Room of NIT Transit House, Kunjaban, Agartala, Tripura, were circulated to all the members and no modifications/ suggestions/ comments were received. The minutes of 32nd Building Works Committee of NIT Agartala was confirmed.

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Item No. 33.2: **Action taken on the decision of the 32nd Building & Works Committee Meeting held on 26th September 2014 in the Conference Room of NIT Transit House, Kunjaban, Agartala, Tripura.**

The actions taken on various decisions of the aforesaid meeting of the Building & Works Committee are as follows:

Sl. No.	Item No.	Agenda	Action Taken
1	32.3	To consider various construction activities already approved by the Director, for ratification by the BWC.	The Building & Works Committee noted the proposal.
2	32.4	To consider award of the work "Supply & installation of underground cable & hume pipe for supply of power to the Administrative Block-I & II including Seminar Hall at NIT Agartala", at a cost of Rs. 25,77,890.00	The Building & Works Committee noted and ratified the action taken report.
3	32.5	To consider the total tentative deviation (including extra items, substitute items etc. in totality)) in the work of "Construction of Administrative Blocks- I & II and Seminar Hall at NIT Agartala" at a cost of Rs.4,17,77,225.00.	<p>In respect of deviation statement of the work "Construction of Administrative Blocks- I & II and Seminar Hall at NIT Agartala" under Agreement No: 05/NITA/Estate/2010-11, total executed amount of work was found to be Rs.42,62,63,712.00 against the agreement amount of Rs.39,13,01,646.00. This was placed before the BWC in its 32nd Meeting. After viewed BWC opined that Estate Section is to check up and verify the rates of extra item & substitute items and place the report to the next BWC. Also, BWC opined in its 32nd Meeting the work proposed in agenda item no.32.18.5 i.e. "Cement concrete pavement road and Brick masonry retaining wall in front of Admin Block-1 and Knowledge Park at NIT Agartala" may be included under existing agreement.</p> <p>Besides another work as stated in the agenda item no. 33.5 i.e. "Bamboo wood flooring and wall cladding including split AC in Director's Chamber and Board Room in Admin Block-1 at NIT Agartala" is also to be included under the same agreement as the work has already been executed in the Director's Chamber & Board Meeting Hall in the Admin Block-1 for smooth running of the office business.</p> <p>Thus the total value of work executed stands at Rs.46,64,49,974.00 which is</p>

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			<p>19.20% above of the agreement amount. This has been examined and approved by the BWC for early completion of the work after avoiding tender formalities due to backwardness of the Institute's location as well as the geographical condition of the state of Tripura.</p> <p>At the outset, the Director informed the committee that it was not possible to take up the work separately after calling of tender after observing due formalities considering the time involved in such a process due to backwardness of the Institute's location as well as the geographical condition of the state of Tripura which is a land locked state in the north eastern fringe of India. Further there is a dearth of capable and resourceful contractor in Tripura to execute such a road work by generating great speed in execution with ready man and material. In view of the above M/S NCC Limited which is a reputed company has been preferred for executing the work as extra / additional item of work under their running agreement.</p> <p>The Building & Works Committee approved the proposal and recommended to Finance Committee (FC) and BOG for approval.</p>
4	32.6	<p>To consider the total tentative deviation (including extra and substituted items) in the work of "Construction of School of Management Building at NIT Agartala" at a cost of Rs. 1,19,98,165.00.</p>	<p>In respect of deviation statement of the work "Construction of School of Management Building at NIT Agartala" under Agreement No: 06/NITA/Estate/2010-11, total executed amount of work was found to be Rs.37,17,07,764.000 against the agreement amount of Rs. 36,37,27,887.00. This was placed before the BWC in its 32nd Meeting. After viewed BWC opined that Estate Section to check up and verify the rates of extra item & substitute items and place the report to the next BWC.</p> <p>Also, BWC opined that in its 32nd Meeting the work proposed in the BWC agenda item no. 32.18.6 i.e. "Retaining wall near ECE building road side at NIT Agartala" 32.18.8 i.e. "Mtc. of Aryabhatta Hostel during the year 2014-15/SH- Repairing of plumbing & Sanitary work including clearing</p>

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			<p>sewerage pipe line and fixing of manhole cover", 32.18.10 i.e. "Providing & fixing of MS Grill with shutter in the Aryabhata Hostel at NIT Agartala" and the work proposed in BWC agenda item no. 30.22 i.e. "Providing Cladding on outer walls of lift wells in Phase-II Housing Complex at H3A, H3B, H4A, H4B & H5 NIT Agartala" may be included under the existing agreement.</p> <p>Thus the total value of work executed stands at Rs.37,73,18,489.00 which is 3.73% above the agreement amount. This has been examined and approved by the BWC for early completion of the work after avoiding tender formalities due to backwardness of the Institute's location as well as the geographical condition of the state of Tripura.</p> <p>At the outset, the Director informed the committee that it was not possible to take up the work separately after calling of tender after observing due formalities considering the time involved in such a process. In view of the above to execute such work by generating great speed in execution with ready man and material. M/S NCC Limited which is a reputed company has been preferred for executing the work as extra / additional item of work under their running agreement.</p> <p>The Building & Works Committee approved the proposal and recommended to Finance Committee (FC) and BOG for approval.</p>
5	32.7	To consider estimate for the work "Partition walls in Civil Engineering Labs (Water Resource and Transportation Lab) at NIT Agartala", at a cost of Rs.69,757.00.	The Building & Works Committee ratified the proposal.
6	32.8	To Consider the revised estimate for the work "Special repair of Gomati Hostel during the year 2013-14 at NIT, Agartala" at a cost of Rs. 71, 07,684.00.	The Building & Works Committee noted the action taken.
7	32.9	To Consider Estimate for the work "Construction of Laboratory to conduct the experiment of Geotechnical Engineers for PhD Scholar at NIT, Agartala" at a cost of Rs.5,80,033.00.	The Building & Works Committee noted the action taken and approved.

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8	32.10	To Consider Estimate for the work "Area Development works in and around Central Plaza, Academic Zone, NIT Agartala" at a cost of Rs. 75,73,285.00.	The Building & Works Committee ratified the proposal with estimated cost of Rs. 1,18,26,800.00 to award the work to CPWD, Govt. of India as deposit work.
9	32.11	To Consider Estimate for the work "Water Supply arrangement from overhead tank to Bio-Engg. Dept. room no. 303, 305 and Chemical Engg. Dept. room no. 306 to 308 for new academic building at NIT Agartala during the year 2013-14." at a cost of Rs. 1,88,805.00.	The Building & Works Committee ratified the proposal.
10	32.12	To Consider Estimate for the work "Maintenance of buildings in the NITA complex during the year 2014-15/SH: Emergency supply of water supply fittings" at a cost of Rs. 75,876.00.	The Building & Works Committee ratified the proposal.
11	32.13	To Consider Estimate for the work "Repairs of Sanitary and Water Supply arrangement at old Academic & Administrative Building, New Academic Building and Work Shop No.-1 & 2 at NIT Agartala" at a cost of Rs. 1,84,830.00.	The Building & Works Committee ratified the proposal.
12	32.14	To Consider the Estimate for the work "Electrical Installation in the new constructed building for Central Go-Down at NIT Agartala" at a cost of Rs. 8,25,286.00.	The Building & Works Committee ratified the proposal.
13	32.15	To Consider the Estimate for the work "Electrical Installation in the Physics Laboratory at Ground floor of DoNER Building (Room No. 110 and 106) at NIT Agartala" at a cost of Rs. 73,325.00.	The Building & Works Committee noted the proposal.
14	32.16	To Consider the Estimate for "Supply of 1200 mm sweep, ISI marked (certified) and BEE Five Star Rated Ceiling Fans" at a cost of Rs. 2,53,000.00.	The Building & Works Committee ratified the proposal.
15	32.17	To Consider the Estimate for the work "Internet Connection in Transportation Engineering Laboratory & Water Resource Engineering Laboratory of Civil Engineering Department (New Workshop) " at a cost of Rs. 7,69,111.00.	Work to be done centrally along with other network connection. So the proposal is dropped.
16	32.18	Any other item with the permission of the Chair.	
17	32.18.1	To consider the estimate for the work "HVAC System in Central Library at NIT Agartala" at a cost	The Building & Works Committee approved the proposal to award the work after inviting open tender.

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		of Rs.2,57,06,409.00.	
18	32.18.1A	To consider the estimate for the work "CCTV Surveillance System, LAN networking and telephone/ intercom system in Central Library at NIT Agartala" at a cost of Rs.39,26,598.00.	The Building & Works Committee noted the action taken and approved.
19	32.18.1B	To consider the estimate for the work "Supply, installation, testing & commissioning of Lifts in Central Library at NIT Agartala" at a cost of Rs. 58,27,700.00.	The Building & Works Committee noted the action taken.
20	32.18.2	To consider the estimate for the work "Revamping of lakes, water harvesting and beautification of water bodies in NIT Agartala" at a cost of Rs.1500.00 Lakh.	This item is not considered now and to be discussed in next BWC.
21	32.18.3	To consider the work of HVAC, Stage Craft, Stage Light, Sound System, Project System, Sitting Arrangement etc. in seminar Hall at NIT Agartala.	The Building & Works Committee after threadbare discussions opined that tender from the eminent consultant / firms may be invited for the selection of architectural firm through Expression of Interest (EOI) to act as consultant for the work of "HVAC, Stage Craft, Stage Light, Sound System, Project System, Sitting Arrangement etc. in seminar Hall at NIT Agartala".
22	32.18.4	To consider the estimate for the work "Consultancy Service for Preparation of DPR for Up-gradation of Road in NITA Complex" at a cost of Rs.2,83,147.00 (6Km).	The Building & Works Committee noted the proposal.
23	32.18.5	To consider the estimate for the work "Cement concrete pavement road and Brick masonry retaining wall in front of Admin Block-1 and Knowledge Park at NIT Agartala" at a cost of Rs. 85,13,955.00.	The Building & Works Committee approved the revised estimate at a cost of Rs. 1,08,90,069.00 and to award the work to M/S NCC Limited as extra items / deviated quantities of work on the agreement of "Construction of Administrative Blocks- I & II and Seminar Hall at NIT Agartala" under Agreement No: 05/NITA/Estate/2010-11 and recommended to Finance Committee (FC) and BOG for approval.
24	32.18.6	To consider the estimate for the work "R.C.C retaining wall near ECE building road side at NIT Agartala" at a cost of Rs. 10,06,335.00.	The Building & Works Committee approved the proposal and to award the work to M/S NCC Limited as extra items / deviated quantities of work on the agreement of "Construction of School of Management Building at NIT Agartala" under Agreement No: 06/NITA/Estate/2010-11, and recommended to Finance Committee (FC) and BOG for approval.
25	32.18.7	To consider the award of work "Up-gradation of the internal main road with both side footpath	The Building & Works Committee approved the proposal of work "Up-gradation of the internal main road with

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		including side drain, electric post, bus stop, sitting arrangement at a certain interval & conduit from main gate-1 to auxiliary gate-2 via housing and boys hostel & auxiliary gate-2 to main gate-1 and auditorium to existing play ground (old) at NIT Agartala" at a cost of Rs. 960.00 Lakh.	both side footpath including side drain, electric post, bus stop, sitting arrangement at a certain interval & conduit from main gate-1 to auxiliary gate-2 via housing and boys hostel & auxiliary gate-2 to main gate-1 and auditorium to existing play ground (old) at NIT Agartala" for an amount of Rs.960.00 and to invite Expression of Interest Lakh from the following 4 (four) nos. short listed PSUs viz: Bridge & Roof Co. (India) Limited, National Building Construction Corporation Limited., Engineers India Limited & Mackintosh Burn Limited who are working in Tripura.
26	32.18.8	To consider the estimate for the work "Mtc. of Aryabhatta Hostel during the year 2014-15/SH-Repairing of plumbing & Sanitary work including clearing sewerage pipe line and fixing of manhole cover" at a cost of Rs. 6,27,782.00.	The Building & Works Committee approved the proposal and to award the work to M/S NCC Limited as extra items / deviated quantities of work on the agreement of "Construction of School of Management Building at NIT Agartala" under Agreement No: 06/NITA/Estate/2010-11, and recommended to Finance Committee (FC) and BOG for approval.
27	32.18.9	To Consider Estimate for the work "Urgent Mtc. of Qtrs. (Type-II/8nos., Type-III/12nos. and Type-IV/8nos.) at NIT Agartala during the year 2014-15" at a cost of Rs. 8,42,560.00.	The Building & Works Committee noted the proposal and approved.
28	32.18.10	To consider the estimate for the work "Providing & fixing of MS Grill with shutter in the Aryabhatta Hostel at NIT Agartala" at a cost of Rs. 7,59,312.00.	The Building & Works Committee approved the proposal and to award the work to M/S NCC Limited as extra items / deviated quantities of work on the agreement of "Construction of School of Management Building at NIT Agartala" under Agreement No: 06/NITA/Estate/2010-11, and recommended to Finance Committee (FC) and BOG for approval.
29	32.18.11	To consider for the work "Supply, installation, testing & commissioning of Lifts in Staff Housing, Academic Block and Director's Bungalow at NIT Agartala.	This item has not been considered by the committee.
30	32.18.12	To consider award of "Supply of electrical materials at NIT campus area" in favour of Sri, Swadesh Ch. Saha, Agartala at a cost of Rs. 8,97,900.00 and in favour of Shree Guru Enterprise, Agartala at a cost of Rs. 7,76,325.00.	The Building & Works Committee noted the action taken.

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31	32.18.13	To consider the total tentative deviation (including extra items) in the work of "Construction of Housing, Guest House, Director's Residence, Including internal water supply, sanitary Installations, Drainage, Fire Suppression & Internal Electrical Works at NIT Agartala", at a cost of Rs.4,93,47,509.00.	The Building & Works Committee noted the proposal.
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Item No.33.3: To consider the estimate for "Construction of Central Lecture Hall Complex having 27 Class Rooms at NIT Agartala" at a cost of Rs.70,52,95,723.00

The BWC in principle accepted the proposal for "Construction of Central Lecture Hall Complex having 27 Class Rooms at NIT Agartala" at a cost of Rs.70,52,95,723.00 and advised for engaging consultant through Expression of Interest(EOI). A revised estimate will be prepared by the consultant selected through EOI and that estimate will be placed before the BWC for consideration and approval. After due approval of the BWC open tender may be called for execution of "Construction of Central Lecture Hall Complex having 27 Class Rooms at NIT Agartala" however, BWC advised to place the matter to Finance Committee (FC) and BOG for further action.

Item No.33.4: To consider the total tentative deviation (including extra items, substitute items etc. in totality) in the work of Construction of Sports Complex at NIT Agartala at a cost of Rs. 4, 87,99,551.00.

The BWC opined that the proposal may be submitted after obtaining necessary justification with clarification from the consultant and it requires proper attention from the engineers of the Estate Section, NITA regarding deviation of the work. If abnormal deviation against any particular item would be arose, detailed justification with proper reason should be furnished.

Item No.33.5: To consider the estimate for the work "Bamboo wood flooring and wall cladding in Director's Chamber and Board Room in Admin Block-1 at NIT Agartala" at a cost of Rs. 22,31,068.00

The BWC approved the proposal to execute the work "Bamboo wood flooring and wall cladding in Director's Chamber and Board Room in Admin Block-1 at NIT Agartala" by M/S NCC Limited as extra items / deviated quantities of work on the agreement of "Construction of Administrative Blocks- I & II and Seminar Hall at NIT Agartala" at a cost of Rs. 22,31,068.00 with the following conditions:

- Execution of Items in the estimate at the rate covered in the existing agreement.
- For other items, the rates may be finalized by giving percentage above on schedule rate as per existing agreement.
- Items not borne on schedule may be executed on the basis of market rate analysis.

Item No.33.6: To consider the estimate for the work "Providing and fixing Ornamental False Ceiling and HVAC in Seminar Halls and Student Activity Room in School of Management Building at NIT Agartala" at a cost of Rs. 51,24,796.00.

The BWC approved the proposal of "Providing and fixing Ornamental False Ceiling and Split AC in Seminar Halls and Student Activity Room in School of Management Building at NIT Agartala" for an amount of Rs.51,24,796.00 to execute the work after calling of open tender.

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Item No.33.7: To consider estimate for the "Electromechanical work in the swimming pool of Sports Complex at NIT Agartala", at a cost of Rs.3,94,25,604.00

As it was not inserted in the tender of Sports complex work and now the work is invariably needed to be taken up for construction immediately as it is co-related with sports activities. So the committee after threadbare discussion opined that the conceptual plan along with design, estimate & tender document of "Electromechanical work in the swimming pool of Sports Complex at NIT Agartala" to be prepared through consultant of Sports Complex M/S Team one India Pvt. Ltd. along with the sports complex work.

Now the Institute may obtain financial offer based on the conceptual plan along with design, estimate & tender document prepared by the NITA consultant from the 5(five) nos. of short listed agencies Viz: 1) Nagarjuna Construction Co. Ltd., Hyderabad-500082. 2) Ahluwalia Contracts (India) Ltd., New Delhi- 110017, 3) Unity Infra projects Limited, Mumbai-400025. 4) Larsen & Toubro Limited, Chennai- 600089., 5) IVRCL Infrastructures & Project Ltd., Hyderabad- 500037(AP) those who were short listed as per recommendations of the BWC in its 19th BWC meeting held on 12th February 2011 for the main construction of Sports Complex of NIT Agartala which was approved by the BOG in its 17th meeting held on 13th February 2011.

Item No.33.8: To consider, Newer brands of Steel & Cement in the construction work of NIT Agartala and selection of PSUs for award of deposit works and selection of manufacture brand for elevator.

This item has not been considered by the BWC.

Item No.33.9: To consider various construction activities already approved by the Director, for ratification by the BWC.

Sl. No.	Name of Work	Estimated Cost	Status
1	Extension of UG cable for supply of power to the CDAC, CC Lab, PC/CP lab and CAD/CAM at NIT Agartala.	Rs.1,89,019.00	The Building & Works Committee noted and ratified.
2	Electrical installation in the Bio-Engineering laboratory situated at 2 nd floor of DONER building at NIT Agartala.	Rs.2,97,321.00	The Building & Works Committee noted and ratified.

Item No.33.10 To consider approval for the work "Supply, Installation, Testing & Commissioning of 15(fifteen) lifts in Administrative Building 1 & 2, School of Management, International Guest House, Academic Block (ECE Deptt. & DoNER), Central Library and Director's Bungalow at NIT Agartala at a cost of Rs.2,86,51,140.00.

The BWC approved the proposal with estimated cost of Rs. 2,86,51,140.00 for inviting limited tender and decided the make should be restricted to 4(four) reputed venders namely : (1) Otis Elevator Co. India Ltd., (2) Thyssen Krupp Elevator India, (3) Johnson, (4) Mitsubishi Electric India Private Ltd. those who are already working in the state of Tripura in different department like PWD, UDD, Health etc. under Govt. of Tripura.

Item No.33.11: To consider the extra items for the work "Construction of 2 x 1 MVA 11/0.4KV Substation with overhead line and cable for Supply of power to the Computer Centre Building".

The BWC approved the proposal of deviation including extra items at a cost of Rs.5,96,488.00 and the total executed amount of Rs.45,40,648.00 against the agreement amount of Rs.39,44,160.00 which is 15.123% above the agreement value.

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Item No.33.12: To consider the estimate for "Maintenance of Auditorium Hall during the year 2014-15/SH: Repairing of stage and roof" at a cost of Rs.7,42,801.00

The Building & Works Committee approved the proposal with estimated cost of Rs. 7,42,801.00 and to award the work by inviting open tender.

Item No.33.13: To consider the estimate for "Maintenance of Academic building (DONER) during the year 2014-15/SH:-Providing of moveable partition wall, false ceiling for Room No. NB-207 & water supply distribution arrangement for room no.: NB-208 to NB-211 of new Academic Building and Hall no.: 04 of workshop no.: 02" at a cost of Rs. 4,01,144.00

The Building & Works Committee approved the proposal with estimated cost of Rs. 4,01,144.00 and to award the work by inviting open tender.

Item No.33.14: To consider the estimate for "Construction of Sentry post and internal path way with seating arrangement at Gargi Hostel at NIT Agartala" at a cost of Rs.6,39,428.00


The Building & Works Committee approved the proposal with estimated cost of Rs. 6,39,428.00 and to award the work by inviting open tender.


Item No.33.15: Schedule rate to be followed while estimating – Delhi Schedule of Rate or Tripura Schedule of Rate.

The BWC opined that for normal maintenance and repairs work Tripura Schedule of Rate (TSR) may be followed and for all other major construction works Delhi Scheduled of Rate (DSR) may be followed.

Item No.33.16: Limit of powers to be followed while awarding of individual works including CPWD Form-II to the contractor by the Director NIT Agartala.

NIT Agartala authority may take the decision accordingly.


(Mr. Sumanta Chakrabarti)
Registrar (I/C) and Member Secretary
Building & Works Committee
National Institute of Technology, Agartala


(Prof. (Dr). Gopal Mugeraya)
Director and Chairman
Building & Works Committee
National Institute of Technology, Agartala