

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

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**Minutes of the 32<sup>nd</sup> Building & Works Committee Meeting  
held on September 26, 2014**

The 32<sup>nd</sup> meeting of the Building & Works Committee of National Institute of Technology, Agartala was held on **September 26, 2014** (Friday) 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,<br>Director, N.I.T., Agartala.   | : | Chairman, B&WC,<br>NIT, Agartala |
| ❖ Sri Asit Bhaumik,<br>Addl. Chief Engineer / Representative of<br>PWD (Civil), Govt. of Tripura.                          | : | Member                           |
| ❖ Sri Kajal Banik,<br>Executive Engineer (Elect.),<br>Electrical Inspectorate/ Representative of<br>PWD, Govt. of Tripura. | : | Member                           |
| ❖ Dr. Sujit Kumar Pal,<br>Dean (P & D), N.I.T. Agartala.   | : | Member                           |
| ❖ Dr. Richi Prasad Sharma,<br>Professor, Civil Engg. Department.<br>NIT Agartala.  | : | Member                           |
| ❖ Mr. Sumanta Chakrabarti,<br>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 30<sup>th</sup> & 31<sup>st</sup> Building & Works Committee Meeting held on December 09, 2013 & February 07, 2014 respectively .**

The minutes of the 30<sup>th</sup> & 31<sup>st</sup> Building & Works Committee Meeting held on December 09, 2013 & February 07, 2014 respectively in the Conference Room of NIT Transit House, Kunjaban, Agartala were circulated to all the members and no modifications/ suggestions/ comments were received. The minutes of 30<sup>th</sup> & 31<sup>st</sup> Building Works Committee of NIT Agartala was confirmed.


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**Item No. 32.2:** Action taken on the decision of the 30<sup>th</sup> & 31<sup>st</sup> Building & Works Committee Meeting held on December 09, 2013 & February 07, 2014 respectively in the Conference Room of NIT Agartala.

Sl. No	Item No.	Agenda	Action Taken
1.	30.3	To Consider award of the work "Electrical Installation in the Computer Laboratory for Bio-Engineering Department [2nd floor of Academic Building (DoNER Building)] at NIT Agartala", at a cost of Rs. 1,43,283.00.	The Building & Works Committee noted the action taken.
2.	30.4	To Consider award of the work "Electrical Installation in the Computer Laboratory for Chemical Engg. Deptt. on the 2nd floor of Academic (DoNER) Building, at NITA", at a cost of Rs. 1,44,427.00.	The Building & Works Committee noted the action taken.
3.	30.5	To Consider award of the work "Electrical Installation in the Environment Lab & Mass Transfer Lab for Chemical Engineering Department (Workshop Building) at NITA at a cost of Rs. 85,820.00.	The Building & Works Committee noted the action taken.
4.	30.6	To Consider award of the work "Electrical Installation in the 1st floor of extension of Estate Section at NIT Agartala", at a cost of Rs. 86,404.00.	The Building & Works Committee noted the action taken and approved.
5.	30.7	To Consider the Estimate for the work "Electrical Installation in the Ground & First floor of CRF Building at NIT Agartala", at a cost of Rs. 8,51,707.00.	The Building & Works Committee noted the action taken and approved.
6.	30.8	To Consider the Estimate for the work "Electrical Installation in the Physics Laboratory at Ground floor of DoNER Building at NIT Agartala", at a cost of Rs. 6,00,195.00.	The Building & Works Committee noted the action taken and approved.
7.	30.9	To Consider the offer of AMC of M/s Rai Power for "Periodical Servicing & Maintenance of 'Volvo Penta' brand 2(two) nos 500 KVA DG Sets installed at NIT Agartala", at a cost of Rs. 2,47,192.00.	The Building & Works Committee noted the action taken and approved.
8.	30.10	To consider the estimate for the work "Supply, installation, testing & commissioning of electrical distribution system, sub-stations, D.G. Sets, and external electrical installations at NIT Agartala" at a cost of Rs. 8,01,51,762.00.	Estimate for the work was prepared by the institute consultant M/s Suresh Goel & Associates at a cost of Rs. 8,01,51,762.00 (Rupees Eight Crore One Lacs Fifty One Thousand Seven Hundred Sixty Two). In the 30 <sup>th</sup> BWC meeting held on 09/12/2013 on agenda item no. 30.10 approval was given for vetting the estimate and DNIT

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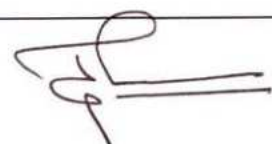
			<p>of the work by the technical scrutiny committee consisting of the Estate Engineer, one member from Electrical Engineering Deptt. &amp; one member of TSECL in the rank of DGM.</p> <p>A committee has been constituted with the following members (1) Dr. Rup Narayan Ray, Dean (R&amp;C), (2) Sri Bibekananda Roy, AGM-IV, TSECL, (3) Sri Bimal Krishna Debnath, AE (Elect.) for vetting the estimate and DNIT.</p> <p>The Building &amp; Works Committee suggested to place the matter before the next meeting of the BWC with a detailed report of the committee constituted by NITA.</p>
9.	30.11	To Consider acceptance of single bid for "Supply of Tools & Machinerics for Maintenance staff at NIT Agartala", at a cost of Rs. 1,92,015.00.	The Building & Works Committee noted the action taken and approved.
10.	30.12	To Consider award of work "Supply, installation, testing & commissioning of External lighting of International Guest House at NIT Agartala" at a cost of Rs. 6,39,066.00.	The Building & Works Committee noted the action taken and approved including extra item of work at a cost of Rs.1,35,503.00 (Rupees One Lacs Thirty Five Thousand Five Hundred Three).
11.	30.13	To consider extra items in the work under the agreement for "Construction of Administrative Block-I & II at NIT Agartala" at a cost of Rs. 34,35,595.00.	This is placed as separate Agenda Item no. 32.4.
12.	30.14	To Consider the Estimate 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", at a cost of Rs. 42,85,329.00.	The Building & Works Committee noted the action taken and approved.
13.	30.15	To consider the extra items for the works "Construction of Sewerage Treatment Plant 75KLD at NIT Agartala" and "Construction of Sewerage Treatment Plant 150KLD at NIT Agartala", at a cost of Rs. 83,200.00 for 75 KLD and Rs.1,00,002.00 for 150KLD respectively.	The Building & Works Committee noted the action taken.
14.	30.16	To consider the estimate for the work "Construction of concrete pavement road at H4A Building at NIT Agartala", at a cost of Rs. 5,50,800.00.	The Building & Works Committee noted the action taken.

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15.	30.17	To consider award of the work "Construction of Additional floor of Market Complex at NIT Agartala" to R.D. Department as deposit work.	In view of urgency of the work "Construction of Additional floor of Market Complex at NIT Agartala" at a cost of Rs.2,70,72,908.00 (Rupees Two Crore Seventy Lacs Seventy Two Thousand Nine Hundred Eight) based on RD estimate has been awarded to RD Department, Govt. of Tripura, with the approval of the Chairman(BWC). The BWC ratified the action taken and approved the proposal.
16.	30.18	To consider the extra item & deviation for the work "Improvement of Road from Administrative Block-1 through back side of workshop no-1 to Auxiliary Gate-3 Near Sports Complex via Girls Hostel/ S/H: - Providing metalling carpeting widening and construction of road side drain", at a cost of Rs.9,50,073.00.	The Building & Works Committee noted the action taken and approved.
17.	30.19	To consider the estimate for the work "Partition wall at CRF Building at NIT Agartala", at a cost of Rs. 21,89,405.00.	The Building & Works Committee noted the action taken and approved.
18.	30.20	To consider the estimate for the work Construction of Partition wall, water supply arrangement with provision of basin etc. in the ground floor of New DoNER Building for Physics Laboratories in Room No. 102,105 to 108 at NIT Agartala", at a cost of Rs. 6,29,981.00.	The Building & Works Committee noted the action taken and approved.
19.	30.21	To consider award of the following works as deposit work to CPWD.  i)Construction of Central School Building at NIT Agartala./S.H: Development of School Ground by earth filling, Rs. 86,97,619.00  ii)Construction of Internal Road to Newly Constructed Central School (KV) Building at NIT Agartala, Rs. 90,48,922.00  iii)Construction of Approach Road (95 Mtr. Long) to Police out post and Security Barak at NIT Agartala Rs.12,66,919.00  iv) Construction of Approach Road to H3A & H3B Building by providing Paver Block at NIT Agartala.Rs.7,95,268.00	<b>For Sl. No. (i) &amp; (ii):</b> The Building & Works Committee noted the action taken and approved the proposal to award the work to CPWD as deposit work.  <b>For Sl. No. (iii) to (vi):</b> The Building & Works Committee approved the proposal to award the works after inviting open tender.

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		<p>v) Providing connecting corridor in between dining and main building of Boys Hostel (Aryabhata).Rs.8,69,820.00</p> <p>vi) Modification of Corridor in the Girls Hostel (Gargi) providing fiber glass shutter with aluminium frames in the openings.RS.22,19,015.00</p>	
20.	30.22	To consider the estimate for the work "Providing Cladding on outer walls of lift wells in Phase-II Housing Complex at H3A, H3B, H4A, H4B & H5 NIT Agartala", at a cost of Rs. 10,52,350.00	The BWC approved the proposal with the estimated cost of Rs.10,52,350.00 (Rupees Ten Lacs Fifty Two Thousand Three Hundred Fifty) to award the work to M/S NCC Limited as deviation under School of Management work, Agreement No. 06/NITA/Estate/2010-11.
21.	30.23 & 30.24	<p>To consider the estimate for the work "Boring of 2Nos. 150mm dia tube well with 5HP submersible pump in School of Management Building at NIT Agartala" at a cost of Rs.8,89,853.00.</p> <p style="text-align: center;">&amp;</p> <p>To consider the estimate for the work "Boring of 2Nos. 150mm dia tube well with 5HP submersible pump for Admin Block-I &amp; II and Seminar Hall at NIT Agartala" at a cost of Rs. 8,89,853.00.</p>	The Building & Works Committee noted the action taken and approved.
22.	30.25	<p>To consider various construction activities already approved by the Director for ratification by the BWC.</p> <p>(ii) Repairs of water supply and sanitary installation at Gomati Hostel at NIT Agartala. Rs. 98892/-</p> <p>(iii) Maintenance of Howrah Hostel at NIT Agartala, During the year 2013-14/SH: Repairs to Door, Window, Sanitary and Water Supply arrangement. Rs.93,598/-</p> <p>(iv)Maintenance of Aryabhata Hostel (Block-A) at NIT Agartala, During the year 2013-14/SH: Repairs to Door, Window, Sanitary and Water Supply arrangement. Rs.56113/-</p> <p>(v)Repairs to Transit House at Kunjaban under NIT Agartala. Rs.1,01,532/-</p> <p>(vi) Maintenance of 4Nos. Watch Tower at NIT Agartala, Rs.1,12,418/-</p> <p>(vii) Electrical Installation for BSNL</p>	The Building & Works Committee noted the action taken and approved.

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		NMEICT Project (LAN Infrastructure) in various departments at NIT Agartala", Rs. 1,12,418/-  (viii) Repairing of HT/LT overhead lines at NIT Agartala damaged due to gale on 12-10-2013", Rs. 1,67,751/-.	
23.	30.26	To consider the extra item at a cost of Rs.96,935.00, for the work "Construction of Academic Building 2 <sup>nd</sup> and 3 <sup>rd</sup> floor at NIT Agartala" (DoNER).	The Building & Works Committee noted the action taken.
24.	30.27	To consider the total tentative deviation (including extra and substitute items) 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.	This is placed as separate Agenda Item no. 32.5.
25.	30.28	To consider the total tentative deviation (including extra and substitute items) in the work of "Construction of School of Management Building at NIT Agartala" at a cost of Rs. 1,19,98,165.00.	This is placed as separate Agenda Item no. 32.6.
26.	30.29	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.	This is placed as separate Agenda Item no. 32.18.13.
27.	30.30	To consider the estimate for the work " Water Supply & Sanitary installation in the 40men capacity Security Barak at NIT Agartala", at a cost of Rs.5,62,025.00.	The Building & Works Committee suggested that another Institute Technical Scrutiny Committee is to be formed with three faculty members from Civil Engg. Department for vetting the estimate.
28.	30.31	To consider the substitute item and deviation for the work "Providing and fixing MS Grill and False Ceiling in School of Management at NIT Agartala".	The Building & Works Committee noted the action taken and approved.
29.	30.32.1	To consider the estimate for work "Special repair of Gomati Hostel during the year 2013-14 at NIT", at a cost of Rs.50,21,082.00.	This is placed as separate agenda item no.32.8.
	30.32.2	To consider the estimate for the work "Special repair of Dhalai Hostel during the year 2013-14 at NIT Agartala", at a cost of Rs.34,71,336.00.	The work was completed by RD Department, Govt. of Tripura, at a total cost of Rs.37,49,835.00 (Rupees Thirty Seven Lacs Forty Nine Thousand Eight Hundred Thirty Five).

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			The Building & Works Committee approved the work executed at a cost of Rs.37,49,835.00 (Rupees Thirty Seven Lacs Forty Nine Thousand Eight Hundred Thirty Five).
30.	31.3	To consider award of the work "Construction of 1500 Capacity boys' Hostel at NIT, Agartala" to the lowest qualified bidder M/S NCC Limited, at a cost of Rs. 1,52,42,54,361.00.	The Building & Works Committee noted the action taken and has been apprised the present status of the work.
31.	31.4	To consider approval of estimate 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 Building & Works Committee noted the action taken and approved.

**Item No.32.3: 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 Medical unit at Raima Hostel, NIT, Agartala.	Rs.13,45,750.00	The BWC ratified the proposal.
2	Soil Investigation work for 1500 capacity Boys Hostel at NIT, Agartala.	Rs.5,17,980.00 + Rs.3988.00 (for additional work)	The BWC ratified the total cost of Rs.5,21,968.00 (Rupees Five Lacs Twenty One Thousand Nine Hundred Sixty Eight) including additional amount of Rs.3988.00 (Rupees Three Thousand Nine Hundred Eighty Eight) for additional work.
3	Renovation of Basket Ball Court in the play ground at NIT, Agartala.	Rs.453467.00	The BWC ratified the proposal.
4	Anti-termite Treatment in the auditorium at NIT, Agartala during the year 2013-14.	Rs.2,74,423.00	The BWC ratified the proposal.
5	Construction of sports complex at NIT, Agartala/Soil Investigation work.	Rs.76,405.00	The BWC ratified the proposal.
6	Maintenance/Renovation of existing 11/33 KV Indoor bus/ Breaker/ Panel in the 33/11 KV Sub-Station at NITA.	Rs. 1,55,572.00	The BWC ratified the proposal.
7	Maintenance/Renovation of existing 11 KV Outdoor Bus in the 33/11 KV Sub-Station at NITA.	Rs. 45,572.00	The BWC ratified the proposal.
8	Maintenance/Renovation of existing 33 KV Switch Yard in the 33/11 KV Sub-Station at NITA.	Rs. 1,31,812.00	The BWC ratified the proposal.

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9	Supply & erection of Transformer Oil in the existing sub-station of NIT Agartala.	Rs. 94,494.00	The BWC ratified the proposal.
10	Maintenance/Renovation of existing LT Breaker/ Panel in the 750 KVA Sub-Station at NIT Agartala.	Rs. 81,728.00	The BWC ratified the proposal.
11	Painting works of existing 11 KV Outdoor Bus and G.I fencing in the 33/11 KV Sub-Station at NITA.	Rs. 58,477.00	The BWC ratified the proposal.
12	Periodical Servicing & maintenance of Thyssen Krupp Elevator (India) makes 6 (six) Lifts installed at NIT Agartala.	Rs.4,40,370.00	The BWC ratified the proposal.

**Item No.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 approved the proposal to award the work to the lowest bidder M/s Multi Traders, Agartala at cost of Rs. 25,77,890.00 (Rupees Twenty Five Lacs Seventy Seven Thousand Eight Hundred Ninety).

**Item No.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.

In respect of deviation statement including extra items and substitute items the detailed position is stated below:

Sl. No	Nature of work	Amount	
		As per agreement (A)	As per execution (B)
1.	Civil Work	Rs.30,77,05,882.60	Rs.32,37,62,806.70
2.	Electrical Work	Rs.2,52,89,041.78	Rs.1,88,13,004.08
3.	Fire Fighting Work	Rs.3,96,73,309.96	Rs.3,08,21,528.40
4.	Extra Item on Civil Work	-	Rs.1, 56, 64,407.00
5.	Extra Item on Electrical Work	-	Rs. 13, 66,525.00
6.	Extra items on fire fighting work	-	Rs.49, 08,925.00
7.	Substitute items on electrical work	-	Rs.1, 06, 09,196.00
8.	Design fee @ 5%	Rs.1,86,33,411.72	Rs.2,02,97,320.00
Total		Rs.39,13,01,646.00	Rs.42,62,56,042.00

All the related documents with required justification obtained from the relevant corners were placed before BWC. After detailed discussion BWC opined that Estate Section is to check up and verify the rate of extra items and substitute items and place the report with the approval of the authority to the next BWC.

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**Item No.32.6:** 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.

In respect of deviation statement including extra items and substitute items the detailed position is stated below:

Sl. No	Nature of work	Amount	
		As per agreement (A)	As per execution (A)
1.	Civil Work	Rs.29,60,26,197.03	Rs.28,94,88,198.00
2.	Electrical Work	Rs.3,45,79,085.46	Rs.2,33,81,188.00
3.	Fire Fighting Work	Rs.1,58,02,229.17	Rs.1,82,37,460.00
4.	Extra Item on Civil Work	-	Rs. 56,54,429.00
5.	Extra Item on Electrical Work	-	Rs. 26,85,235.00
6.	Extra items on fire fighting work	-	Rs. 87,47,810.00
7.	Substitute items on electrical work	-	Rs. 58,07,360.00
8.	Design fee @ 5%	Rs.1,73,20,375.58	Rs.1,77,00,084.00
Total		Rs.36,37,27,887.00	Rs.37,16,92,930.00

All the related documents with required justification obtained from the relevant corner were placed before BWC. After detailed discussion BWC opined that Estate Section is to check up and verify the rate of extra items and substitute items and place the report with the approval of the authority to the next BWC.

**Item No.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 approved the proposal with estimated cost of Rs. 69,757.00 (Rupees Sixty Nine Thousand Seven Hundred Fifty Seven) and to award the work by inviting open tender.

**Item No.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 approved the proposal of the revised estimate for Rs.71,07,684.00 (Rupees Seventy One Lacs Seven Thousand Six Hundred Eighty Four) by supersession of the earlier approval of Rs.49,45,585.00 (Rupees Forty Nine Lacs Forty Five Thousand Five Hundred Eighty Five). The Building & Works Committee also approved the work executed by M/S NCC Limited at a cost of Rs.71,07,684.00 (Rupees Seventy One Lacs Seven Thousand Six Hundred Eighty Four) as extra items deviated quantities of works on the Admin Block-I & II and Seminar Hall at NIT Agartala.

**Item No.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 approved the proposal to consider the estimate for the work “Construction of Laboratory to conduct the experiment of Geotechnical Engineering for PhD Scholar at NIT Agartala” at a cost of Rs. 5,80,033.00 (Rupees Five Lacs Eighty Thousand Thirty Three) and to award the work in the shape of CPWD Form-II.

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**Item No.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 approved the proposal with estimated cost of Rs.75,73,285.00 (Rupees Seventy Five Lacs Seventy Three Thousand Two Hundred Eighty Five) to award the work to CPWD, Govt. of India as deposit work.

**Item No.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 approved the proposal with estimated cost of Rs. 1,88,805.00 (Rupees One Lacs Eighty Eight Thousand Eight Hundred Five) and to award the work by inviting open tender.

**Item No.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 approved the proposal with estimated cost of Rs. 75,876.00 (Rupees Seventy Five Thousand Eight Hundred Seventy Six) and to award the work by inviting open tender.

**Item No.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 approved the proposal with estimated cost of Rs. 1,84,830.00 (Rupees One Lacs Eighty Four Thousand Eight Hundred Thirty) and to award the work by inviting open tender.

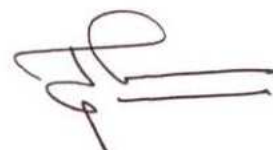
**Item No.32.14:** To Consider the Estimate for the work "Electrical Installation in the new constructed building for Central Go-Down at NIT Agartala" at a cost of Rs. 8,25,286.00.

The Building & Works Committee approved the proposal with estimated cost of Rs.8,25,286.00 (Rupees Eight Lacs Twenty Five Thousand Two Hundred Eighty Six) and to award the work by inviting open tender.

**Item No.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 approved the proposal with estimated cost of Rs.73,325.00 (Rupees Seventy Three Thousand Three Hundred Twenty Five) and to award the work by inviting open tender.

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**Item No.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 approved the proposal with estimated cost of Rs.2,53,000.00 (Rupees Two Lacs Fifty Three Thousand) and to award the work by inviting open tender with mentioning the manufacture made of HAVELLS / USHA / CROMPTON.

**Item No.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.

The Building & Works Committee approved the proposal with estimated cost of Rs. 7,69,111.00 (Rupees Seven Lacs Sixty Nine Thousand One Hundred Eleven) and to award the work by inviting open tender.

**Item No.32.18:** Any other item with the permission of the Chair.

**Item No.32.18.1:** To consider the estimate for the work “HVAC System in Central Library at NIT Agartala” at a cost of Rs.2,57,06,409.00.

The Building & Works Committee in principle accepted the proposal for “HVAC System in Central Library at NIT Agartala” at a cost of Rs.2,57,06,409.00 (Rupees Two Crore Fifty Seven Lacs Six Thousand Four Hundred Nine) and advised to call Expression of Interest (EOI) from different vendors to select consultant. 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 HVAC System in Central Library at NIT Agartala.

**Item No.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 approved the proposal with estimated cost of Rs.39,26,598.00 (Rupees Thirty Nine Lacs Twenty Six Thousand Five Hundred Ninety Eight) to award the work to M/S Bridge and Roof Co.(India)Ltd. as deviation of existing Central Library work as deposit work.

**Item No.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 advised to club this work together with the work of other lifts and to invite open tender for all lifts.

**Item No.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.

The Building & Works Committee in principle accepted the proposal for “Revamping of lakes, water harvesting and beautification of water bodies in NIT Agartala” at a cost of Rs.1500.00 Lakh and advised to call Expression of Interest (EOI) from different vendors to select consultant. 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

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approval of the BWC open tender may be called for execution of "Revamping of lakes, water harvesting and beautification of water bodies in NIT Agartala".

**Item No.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 in principle accepted the proposal for "HVAC, Stage Craft, Stage Light, Sound System, Project System, Sitting Arrangement etc. in seminar Hall at NIT Agartala" and advised to call Expression of Interest (EOI) from different vendors to select consultant. The estimate will be prepared by the consultant selected through EOI and that estimate will be placed before BWC for consideration and approval. After due approval of BWC open tender may be called for "HVAC, Stage Craft, Stage Light, Sound System, Project System, Sitting Arrangement etc. in seminal Hall at NIT Agartala".

**Item No.32.18.4:** To consider the estimate for the work "Consultancy Service for Preparation of DPR for Upgradation of Road in NITA Complex" at a cost of Rs.2,83,147.00 (6Km).

The Building & Works Committee approved the proposal to award the work to M/S C.E Testing Company Pvt. Ltd. in the shape of CPWD Form-11at a cost of Rs.2,83,147.00 (Rupees Two Lacs Eighty Three Thousand One Hundred Forty Seven).

**Item No.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 proposal to execute 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 (Rupees Eighty Five Lacs Thirteen Thousand Nine Hundred Fifty Five) by M/S NCC Limited as extra items/deviated quantity of works on the Agreement of Admin Block-I & II and Seminar Hall with the following conditions:

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

**Item No.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 to execute the work "R.C.C retaining wall near ECE building road side at NIT Agartala" at a cost of Rs.10,06,335.00 (Rupees Ten Lacs Six Thousand Three Hundred Thirty Five) by M/S NCC Limited as extra items/deviated quantity of works on the Agreement of School of Management work with the following conditions:

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

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**Item No.32.18.7:** To consider the award of work "Up-gradation of the internal main road with 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" at a cost of Rs. 960.00 Lakh.

The Building & Works Committee approved the proposal to execute the work "Up-gradation of the internal main road with 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" at a cost of Rs. 960.00 Lakh by CPWD, Govt. of India, as deposit work.

**Item No.32.18.8:** To consider the estimate for the work "Mtc. of Aryabhata 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 to execute the work "Mtc. of Aryabhata 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 (Rupees Six Lacs Twenty Seven Thousand Seven Hundred Eighty Two) by M/S NCC Limited as extra items/deviated quantity of works on the Agreement of School of Management work with the following conditions:

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

**Item No.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 approved the proposal with total estimated cost of Rs. 8,42,560.00 only and to award the work by inviting open tender.

**Item No.32.18.10:** To consider the estimate for the work "Providing & fixing of MS Grill with shutter in the Aryabhata Hostel at NIT Agartala" at a cost of Rs. 7,59,312.00.

The Building & Works Committee approved the proposal to execute the work "Providing & fixing of MS Grill with shutter in the Aryabhata Hostel at NIT Agartala" at a cost of Rs.7,59,312.00 (Rupees Seven Lacs Fifty Nine Thousand Three Hundred Twelve) by M/S NCC Limited as extra items/deviated quantity of works on the Agreement of School of Management work with the following conditions:

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

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**Item No. 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.**

On the basis of tender invited for supply & installation of 15 (fifteen) numbers passengers Lifts in Staff Housing, Academic Block and Director's Bungalow vide No.F.NITA-23(39E)/Estate Elect/2011/5213-18, dtd. 20-10-2011, a work order was issued to M/s Thyssen Krupp Elevator (India) Ltd., Kolkata vide No.F.NITA-23(39E)/Estate Elect/2011/7021-26, dtd. 20-12-2011 at a cost of Rs. 2,71,30,000.00.

Out of 15 (fifteen) passengers Lifts, 10 (ten) Lifts (two in H4A, two in H4B, two in H5, two in H3A & two in H3B) have already been installed and in operation. Remaining 5 (five) Lifts [two in Academic Block (ECE Deptt.), two in Academic Block (DoNER) & one in Director's Bungalow] were not taken up due to change of design & scope, which has been included in separate fresh tender.

Construction work of Administrative building-1 (G+3) is completed and ready for occupation. Out of two lifts in the Administrative Building-1, specification and criteria of one lift (left side) matches with the M/s Thyssen Krupp Elevator (India)'s existing agreement. Due to urgency it is proposed that without change in rate and terms & condition the location of one 10 passengers lift may be shifted in the Administrative building-1. It is also proposed that the agreement stated above for installation of 15 (fifteen) number 10 passenger lifts may be closed on commissioning of 11 (eleven) number lifts at a cost of Rs. 2,06,10,000.00 (Rupees Two Crore Six Lacs Ten Thousand) as against the agreement amount of Rs. 2,71,30,000.00 (Rupees Two Crore Seventy One Lacs Thirty Thousand).

The Building & Works Committee approved the proposal to execute one lift in the Administrative building-1 and contract can be closed by commissioning of 11(Eleven) numbers passengers lifts at a cost of Rs. 2,06,10,000.00 (Rupees Two Crore Six Lacs Ten Thousand).

**Item No. 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 approved the proposal to award the works to the lowest bidder Sri Swadesh Ch. Saha at a cost of Rs.8,97,900.00 (Rupees Eight Lacs Ninety Seven Thousand Nine Hundred) and Shree Guru Enterprise at a cost of Rs.7,76,325.00 (Rupees Seven Lacs Seventy Six Thousand Three Hundred Twenty Five).

**Item No. 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.  
(This item refers to agenda item of action taken report on item no. 30.29).**

On actual requirement of sequence of the work overall deviation including extra item statement was placed on the table on the 32<sup>nd</sup> Building & Works Committee Meeting in accordance with the opinion of the Building & Works Committee in its 30<sup>th</sup> BWC Meeting. The detailed position of the deviation is stated here under:

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Sl. No	Nature of work	Amount	
		As per agreement (A)	As per execution (B)
1.	Civil Work	Rs. 49,57,88,334.00	Rs.51,66,28,825.00
2.	Electrical Work	Rs. 3,82,05,991.00	Rs.4,63,10,648.00
3.	Fire Fighting Work	Rs. 58,71,715.00	Rs.75,50,339.00
4.	Extra Item on Civil Work	-	Rs. 1,24,98,702.00
5.	Extra Item on Electrical Work	-	Rs. 57,16,287.00
Total		Rs.53,98,66,041.00	Rs.58,87,04,802.00

Thus total deference i.e. (B-A) stands for Rs.4,88,38,761.00 (Rupees Four Crore Eighty Eight Lacs Thirty Eight Thousand Seven Hundred Sixty One) on higher side i.e.9.04% above the agreement amount. The matter was discussed in the meeting with reference to the report of Institute Technical Scrutiny Committee and justification placed.

The final deviation appeared at a cost Rs. 4,88,38,761.00 (Rupees Four Crore Eighty Eight Lacs Thirty Eight Thousand Seven Hundred Sixty One) including extra items.

The Building & Works Committee approved the proposal of final deviation at a cost of **Rs.4,88,38,761.00** (Rupees Four Crore Eighty Eight Lacs Thirty Eight Thousand Seven Hundred Sixty One) and total executed amount of work is **Rs.58,87,04,802.00** (Rupees Fifty Eight Crore Eighty Seven Lacs Four Thousand Eight Hundred Two) against the agreement amount of Rs.53,98,66,041.00 (Rupees Fifty Three Crore Ninety Eight Lacs Sixty Six Thousand Forty One).

  
(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

