

**National Institute of Technology, Arunachal Pradesh  
Yupia, Arunachal Pradesh – 791 112**



**MINUTES OF**

**24<sup>th</sup> (TWENTY FORTH) MEETING OF THE BUILDING AND  
WORKS COMMITTEE OF  
NATIONAL INSTITUTE OF TECHNOLOGY, ARUNACHAL  
PRADESH**

**Venue** : **Conference Hall  
Assam Science & Technology University  
Guwahati**

**Date** : **21.11.2020**

**Time** : **11.00 AM**

**Minutes of the 24<sup>th</sup> (Twenty Fourth) meeting of the Building and Works (BWC) of NIT Arunachal Pradesh held on 21/11/2020 AT 10 AM in the Conference Hall of Assam Science and Technology University, Guwahati.**

**The following members of the Building and Works Committee of NIT Arunachal Pradesh attended the meeting:**

1. Prof Pinakeswar Mahanta, Chairman & Director, NIT Arunachal Pradesh- Ex-Officio
2. Prof. Damodar Maity, Department of Civil Engineering, IIT Kharagpur- Member (attended online)
3. Er. S. P. Singh, Retd. ADG, CPWD, Arbitrator, PWD, Govt. of India.
4. Mr. Jayanta Barkakati, Retd. CMD, Tripura State Electricity Corporation Limited, Agartala- Member
5. Dr. Mainak Mallik, Dean, Planning & Development, NIT Arunachal Pradesh- Member (attended online).
6. Dr. Uday Kumar Khanikar, Registrar, NIT Arunachal Pradesh and Member Secretary, BWC.

**Special invitees:**

1. Prof. N. N. Patwari, Retired Professor, Department of Civil Engineering, Assam Engineering College, Guwahati.
2. Dr. Deba Kumar Sarma, Associate Professor & Ex-Dean, Planning and Development, NIT Meghalaya.

With concurrence of the Chairman, Building & Works Committee (BWC) and Director, NIT Arunachal Pradesh, it was decided to conduct the meeting of the 24<sup>th</sup> Building and Works Committee of NIT Arunachal Pradesh through blended mode because of COVID-19 pandemic on 21/11/2020 at 10 AM in the Conference Hall, Assam Science and Technology University, Guwahati.

The Minutes of the meeting of 24<sup>th</sup> BWC of NIT Arunachal Pradesh is drawn as below:

<b>Item No: 24.01</b>	
<b>Confirmation of the Minutes of the 22<sup>nd</sup> and 23<sup>rd</sup> meeting of the Building &amp; Works Committee and Action Taken Report</b>	
<b>Decision</b>	<p>Minutes of 22<sup>nd</sup> and 23<sup>rd</sup> meeting of the Building &amp; Works Committee held by online mode and Circulation respectively along with Action Taken Report are placed in [ANNEXURE-1] and [ Annexure-1 (A)]. The comments received from the members were taken into consideration while preparing the Minutes.</p> <p>Building and Works Committee may consider to confirm the Minutes and note the report of Action Taken on decisions of the Committee.</p> <p>Minutes of 22<sup>nd</sup> and 23<sup>rd</sup> meeting of the Building &amp; Works Committee of NIT Arunachal Pradesh held by online mode and Circulation respectively was Confirmed and Action Taken Report was noted.</p>

**Item No: 24.02****Information pertaining to Collapse of Retaining wall near Administrative Building**

A letter placed in **Annexure 2** was received from HPL regarding afresh construction of damaged retaining wall built for the protection of approach road and Administrative Building as some part of it is collapsed during this monsoon. Based on the undertaking and risk assurance submitted by Dy. General Manager, Hindustan Prefab Limited, Govt. of India Enterprise, a letter was issued vide letter no. Nil Dated 21.09.2020 (**Annexure - 2(A)**), to the Executing Agency for rectification of retaining wall within the fund allocated for the work. Till date HPL has not responded to it.

Earlier, there was also development of crack along the retaining wall supporting the Administrative Building. A mail was issued to the Executing Agency (HPL) on this matter, which is placed in Annexure-2 (**B**). A reminder mail was also sent on 22.03.2018 but HPL has not responded to it till date.

The matter is placed before Building & Works Committee for information and advice.

**Decision**

It was informed to Building and Works Committee that HPL had agreed to construct the damaged retaining Wall built for the protection of approach road and Administrative Building. HPL was advised to complete the construction of the damaged retaining wall before starting remaining works of the Administrative Building.

The BWC recommended that the Executing Agency (HPL) shall design a new RCC wall considering soil structure and also to submit it with the Technical Specification before Construction review Committee for technical vetting. The Committee further recommended that NIT Arunachal Pradesh shall not bear any cost towards the designing as well as reconstruction of the damaged retaining wall built for protection of Administrative Building.

**Item No: 24.03****Seeking approval for construction of Electric Power Station and Internal Distribution network in permanent campus at Jote within the approved fund by the Ministry.**

It has been proposed to seek Expression of Interest (EOI) from various agencies for construction of electric power station and internal distribution network in permanent campus having estimated cost of Rs 15.26 Crore, which is within the approved fund by the Cabinet.

BWC may consider and approved the same.

**Decision**

The BWC recommended to request M/s Space Ace engaged for Comprehensive Architectural Services for providing detail design, with SLD, list of items along with the details of item specifications for construction of Electric Power Station and Internal Distribution network in permanent campus at Jote within the fixed time line, which is within their Scope of Work as per the Agreement executed on 06/02/2013. EoI may be called after technical vetting of the design and detail specification to be submitted by M/s Space Ace. Works to be executed within the approved fund by the Cabinet as per the RCE.

**Item No: 24.04****Seeking approval for Construction of internal data networking in permanent campus at Jote**

<b>Decision</b>	<p>It has been proposed for installation of data networking system in NIT Arunachal Pradesh having estimated cost of Rs 6.01 Crore, which is within the approved fund by the Cabinet by inviting Expression of Interest (EoI) from Agencies having specialization in the said work</p> <p>BWC may consider and approve the same.</p> <p>The BWC recommended to request M/s Space Ace engaged for Comprehensive Architectural Services for providing details of item specifications with internal data networking design for construction of internal data networking in permanent campus at Jote, which is within their Scope of Work as per the Agreement executed on 06/02/2013. EoI may be called after technical vetting of the design and detail specification to be submitted by M/s Space Ace. Works to be executed within the approved fund by the Cabinet as per the RCE.</p>
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**Item No: 24.05****Seeking approval for work of campus beautification and horticulture related activities.**

<b>Decision</b>	<p>It has been proposed to start the work of campus beautification and activities related to horticulture in permanent campus initially at an estimated cost of Rs 20 lakhs under the Head of Contingency expenditure out of the approved fund by the Cabinet.</p> <p>BWC may consider and approve the same.</p> <p>The BWC recommended for preparation of a Project Report for the works to be executed under campus beautification and horticulture related activities in the permanent campus of the Institute. BWC also recommended that works to be executed within the approved fund by the Cabinet as per the RCE.</p>
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**Item No: 24.06****Information pertaining to Handing / Taking over of Academic Buildings and Faculty Quarter**

	<p>Handing / Taking over of Academic Buildings (Mechanical block and Chemical block) and Type-IV (B) (1-unit) was done by NIT Arunachal Pradesh and Hindustan Prefab Ltd. on 28<sup>th</sup> and 29<sup>th</sup> Sept' 2017 with following terms and conditions:</p> <ol style="list-style-type: none"><li>1. Based on the observation/rectification needed as detected by the committee of NIT Arunachal Pradesh (<b>Annexure-3</b>) executing agency (Hindustan Prefab Ltd.) need to be completed the same within the period of 3 months.</li><li>2. The defect liability period will be effective from the date of complete rectification.</li><li>3. The remaining payment of the building will be made by NIT Arunachal Pradesh after receiving _____ of fund from the Ministry.</li></ol> <p>List of documents as mentioned in <b>Annexure-3(A)</b> have to be submitted by the Executing Agency during final inspection by Technical Team.</p> <p>Hindustan Prefab Ltd. has not submitted the compliance report till date. In view of this, the handing and taking over of Academic Buildings (Mechanical block and Chemical block) and Type-IV (B) (1-unit) took place on 28<sup>th</sup> and 29<sup>th</sup> Sept 2017 may be considered as null and void. A letter in this regard was sent on 31.03.2018 to</p>
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<p><b>Decision</b></p>	<p>Hindustan Prefab Ltd for initiation of fresh Handing / Taking over of said Academic Buildings and Faculty Quarter (<b>Refer Annexure- 3(B) enclosed</b>).</p> <p>The matter is placed before Building &amp; Works Committee for information and further suggestion.</p> <p>The BWC recommended that HPL should submit completion report with as built Drawing, item wise list of fixtures of each building and other details as required and an inspection be made in presence of officials of HPL as well as NIT Arunachal Pradesh before Handing over and Taking over of completed Buildings.</p> <p>Conditional Taking over of buildings may be executed by the NIT Arunachal Pradesh after rectification of defects by the HPL (Executing Agency) based on the inspection report without any additional cost/liability on the part of NIT Arunachal Pradesh.</p> <p>While conditional Taking over/Handing over of buildings punch list and list of residual work must be made with a time frame to complete or rectify the same.</p>
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**Item No: 24.07**

**Approval of Protection work for main road near Director's Bungalow**

<p><b>Decision</b></p>	<p>Because of landslide occurring in three locations by the side of the main road near Director's Bungalow may cause severe damage of the road along with pipe line in future. In order to prevent the damage, a <b>retaining wall</b> along with RRM breast wall and RCC drain is proposed to be constructed. An estimated cost of Rs. 2.75 crore (Rupees two crore seventy five lakh only) (<b>Annexure-4</b>) was submitted by Rural Work Division (RWD) vide Letter No. EE/RWD/POMA/YUPIA/NIT/2016-17 dated 12<sup>th</sup> July 2017. As the estimate was prepared in 2017, now considering cost index of 7.5% per annum for three years ( 7.5% X 3= 22.5%), the estimated cost will be around <b>Rs.3.36 Crore</b>. Since, this work is absolutely necessary, a fresh estimate may be obtained from RWD. The work will be executed within the approved fund by the Cabinet without any additional financial involvement.</p> <p>BWC may consider and accord approval of the same.</p> <p>The BWC recommended for preparing a detail design with necessary drawings, along with an estimate by the Executing Agency and submitting the same to the Construction Review Committee for opinion.</p>
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**Item No: 24.08**

**Matter pertaining to Quality of Prefab Building constructed in permanent Campus**

	<p>It is for appraisal of the Committee that earlier work order was issued to Hindustan Prefab Ltd (HPL), A Govt. of India Enterprise for construction of PREFAB BUILDING for staff quarter and. HPL started the erection of all the structural units (8) at a time 4 years ago but able to complete only one unit till date. As a result there is rusting in all the beams - column joints and also in the chicken mesh wire netting supporting the thermocol used as cladding. Also time required for finishing the cladding work with shotcreting on the chicken mesh is too much and the quality of work is also not upto the mark. In view of the above <b>hollow concrete block</b> may be used for cladding purpose.</p> <p>It is also advised to go for sand blast cleaning of the rust with proper monitoring before any further progress of the cladding work. The Executive Agency shall have to bear the</p>
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	additional cost involvement. BWC is requested to give advice on the matter placed.
<b>Decision</b>	The BWC declined the proposal and advised to go with the original work after doing necessary cleaning of rust on the structure without any additional financial liability.

**Item No: 24.09**

**Matter pertaining to works executed without Work Order in permanent campus**

It is found that following work was carried out by the Public Work Department, Govt. of Arunachal Pradesh without any Work Order:

**(A) Construction of Bamboo Protection work at front and back side of Boys Hostel and back side of Girls Hostel :** Bamboo Protection work in front and back side of Boys Hostel and back side of Girls Hostel was executed at a cost of Rs. 1,18,32,212/- (Rupees One Crore Eighteen Lakhs and Thirty Two Thousand Two Hundred Twelve ) only without any formal work order and approval from NIT Arunachal Pradesh placed at **Annexure-5.**

**(B) Pergola around the Rotary area for the work Feeder, Main and Internal Road including Cross Drainage works, Protective and other other utility/services at NIT,Jote :**

The estimate of Rs.7.4121 crore (Rupees Seven Crore Forty One Lakh Twenty One Thousand) only was submitted by RWD, Govt. of Arunachal Pradesh. The Executing Agency executed the work without any issue of formal work order.(Photo placed at **Annexure-5 (A).** However, the work was "kept in hold" as per the decision of the meeting of 17th B&WC.

**(C) Laying of NP3 pipe and widening Road pavement for the work Feeder , Main and Internal road including cross drainage works, protective and other utility/services:**

against the estimated amount of Rs. 6.2282 Crore (Rupees Six Crore Twenty Two Lakh Eighty Two Thousand) only submitted by RWD, Govt. of Arunachal Pradesh, only an amount of Rs. 3.40 Crore has been approved in RCE. The Executing Agency executed the work without any issue of formal work order. The work is almost completed as per the report submitted by Executing Agency. The work was approved in 17th B&WC meeting on

20.03.2016 but work order was not issued (**Annexure-5 (B)**) and with due approval from the competent authority a letter was issued by Dr. M. Berlin, Chairman i/c (Construction Committee) for carrying out the construction work of the road as per modified sketches submitted by Architect, M/s Space Ace **within the approved cost of the road construction** (Rs.36.0682 crore) (**Annexure-5 (C)**).

A committee has been formed comprising of three members with information to Board of Governors (BoG) as below to examine the matter:

- (1) Dr. Deba Kumar Sarma, Dean (P&D), NIT, Meghalaya
- (2) Prof. N.N. Patwari, Retd. Professor, Deptt. of Civil Engg., Assam Engineering College, Guwahati
- (3) Er. S.P. Singh, Retd. ADG, CPWD, Arbitrator PWD, Govt. of NCT of Delhi

The matter is placed before Building & Works Committee for information and to suggest the future course of action.

<b>Decision</b>	<p>The BWC recommended to re-constitute a single Committee in the name of 'Construction Review Committee' to look after all matters pertaining to the construction activities with members as given below:</p> <ol style="list-style-type: none"> <li>(1) Er. S.P. Singh, Retd. ADG, CPWD, Arbitrator PWD, Govt. of NCT of Delhi</li> <li>(2) Mr. Jayanta Barkakati, Retd. CMD, Tripura State Electricity Corporation Limited.</li> <li>(3) Prof. Damodar Maity, Professor, Civil Engineering, IIT Kharagpur.</li> <li>(4) Prof. N. N. Patwari, Retd. Professor, Department of Civil Engineering, Assam Engineering College, Guwahati</li> <li>(5) Dr. Deba Kumar Sarma, Associate Professor and Ex Dean, Planning and Development.</li> </ol> <p>Dr. Mainak Mallik, Dean, Planning &amp; Development, NIT Arunachal Pradesh shall Co-ordinate with the Committee.</p> <p>In respect of work executed by the Executing Agencies without the Work Order, BWC recommended as below:</p> <ol style="list-style-type: none"> <li>(a) Executing Agencies must clarify whether the work undertaken was required technically, if it was required technically, was it included within the scope of work as per the Work Order issued to them.</li> <li>(b) Executing Agencies shall have to submit all relevant documents pertaining to the work executed by them as reported without any Work Order.</li> <li>(c) The 'Construction Review Committee' shall examine in detail pertaining to the Work reported to be executed by the Executing Agencies with respect to the above mentioned information/documents submitted by the Executive Agencies and give its recommendations.</li> </ol>
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**Item No: 24.10**

**Information pertaining withdrawal of Court cases filed related to construction work**

<b>Decision</b>	<p>Following Court cases filed against the Institute related to construction work has been withdrawn by the Petitioners:</p> <ol style="list-style-type: none"> <li>a) <b>Contempt Case:</b> Filed by M/s Ragia Ku. Enterprises for non-payment of bill as per court direction against the construction of type-II quarter, to whom work was allotted by Rural Work Division (RWD), Executing Agency. The case was withdrawn by the petitioner on 18-09-2020.</li> <li>b) <b><u>Writ Petition (C) no. W (C ) 386 (AP)/2018 :</u></b> Filed by M/s Nyimi Enterprises for nonpayment of bill against the construction of Boy's and Girl's Hostel. M/s Nyimi Enterprise has withdrawn the said writ petition on 14.07.2020</li> </ol> <p>The matter is placed before Building &amp; Works Committee for information.</p>
<b>Decision</b>	Noted by the Building & Works Committee.

<b>Item No: 24.11</b>	
	<b>Any other item with the permission of Chair</b>

\*\*\*\*\* The meeting ended with vote of thanks to the chair\*\*\*\*\*