

**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING, KURNOOL**

AGENDA

**THIRD MEETING OF THE
BUILDING AND WORKS COMMITTEE (BWC)
OF
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING, KURNOOL**

**06-01-2020 (Monday)
at 5.30 pm**

**VENUE:
DIRECTOR'S BUNGALOW, (51-971/C/1)
MUNICIPAL EMPLOYEES COLONY,
NEAR SEETARAMNAGAR
PUMP HOUSE, KURNOOL**

Minutes of Third Meeting of the Building And Works Committee
(BWC) Of Indian Institute Of Information Technology
Design and Manufacturing, Kurnool, Andhra Pradesh.

Held on 06-01-2020 (Monday) 5:30 P.M. at Director's Bungalow, Kurnool

Members Present:

1. Prof D V L N Somayajulu, Director, IIITDM, Kurnool - Chairperson
2. Prof. N V Ramana Rao, Director, NIT, Warangal - Member
3. Prof. T D G Rao, Dept. of Civil Engineering, NIT, Warangal - Member
4. Sri C N. Suresh, Supt. Engineer, CPWD, Warangal - Member
5. Dr Eswaramoorthy K V, Dept. of ECE, IIITDM, Kurnool - Secretary
6. Sri G. K. Vijayanand, Consultant Engineer, IIITDM, Kurnool - Special Invitee
7. Sri C Subrmaanyam, EE, CPWD Division, Kurnool - Special Invitee
8. Sri Prasad S R, Architect, M/s Space Matrix, Bangalore -Special Invitee

Members Absent:

1. Dr M. Nithyadharan, Dept. of Civil Engineering, IIT, Tirupathi - Member
2. Sri B. S. Reddy, Supt. Engineer(Electrical), CPWD, Hyderabad - Member

General Discussion:

The Chairman welcomed the members to the third BWC meeting of IIITDM, Kurnool. Dr. M. Nithyadhraan and Sri B.S. Reddy have expressed his inability to attend this meeting due to urgent work at Warangal. They have sent their suggestions through e-mail. All their suggestions are discussed and deliberated during the meeting.

BWC discussed the Agenda items in detail and the following decisions are taken.

Item No.	Item Description																			
BWC-3(2020)-01	Consideration and approval of the Minutes of Second Meeting of Building and Works Committee (BWC) held on 26-10-2019 at Road No 13, Film Nagar, GaniZail Sing Nagar, Hakimpet, Hyderabad, Telangana State.																			
	<p>The minutes of the second BWC meeting has been circulated to all members by e-mail. (Annexure -1)</p> <p>BWC may confirm the Minutes of the Second BWC Meeting.</p> <p style="text-align: center;"><u>Resolution:</u></p> <p>The committee resolved to confirm and approved minutes of second BWC meeting held on 26th Oct 2019.</p>																			
BWC-3(2020)-02	To Consider the Action Taken Report (ATR) based on the resolutions of decisions of Second BWC meeting held on 26th October 2019.																			
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th data-bbox="391 814 618 846">Item No</th> <th data-bbox="618 814 1057 846">Suggested</th> <th data-bbox="1057 814 1446 846">Action Taken</th> </tr> </thead> <tbody> <tr> <td data-bbox="391 846 618 1077">BWC-2(2019)-02</td> <td data-bbox="618 846 1057 1077">Advised to follow the details given in the sanction for both ongoing and new projects under HEFA and advised to complete all the necessary works pertaining to ongoing projects within the sanctioned amount of Rs 31 crores by HEFA.</td> <td data-bbox="1057 846 1446 1077">Keeping in view of the suggestion the expenditure for on-going projects are maintained within sanctioned amount of Rs.31 crores by HEFA</td> </tr> <tr> <td data-bbox="391 1077 618 1161">BWC-2(2019)-03</td> <td data-bbox="618 1077 1057 1161">To complete minor pending works noticed in on-going projects.</td> <td data-bbox="1057 1077 1446 1161">Intimated to CPWD the list of minor works and asked for early completion</td> </tr> <tr> <td data-bbox="391 1161 618 1644" rowspan="2">BWC-2(2019)-04</td> <td data-bbox="618 1161 1057 1287">a) Suggested to restrict the total area to 50,458 sq.mts. in compliance with DPR.</td> <td data-bbox="1057 1161 1446 1287">Institute has considered the suggestion and planned to total area to 50458 sqm.</td> </tr> <tr> <td data-bbox="618 1287 1057 1644">b) The Committee also advised to utilize available terrain slopes and to store the rain at regular intervals along the valley or gorge in the campus to achieve complete utilization of rain water to recharge the ground water table and the same is to be incorporated by the Architect in the master plan.</td> <td data-bbox="1057 1287 1446 1644">Considered and incorporated in Master plan and in the landscape drawings</td> </tr> <tr> <td data-bbox="391 1644 618 1892">BWC-2(2019)-05</td> <td data-bbox="618 1644 1057 1892">The committee advised the Architect to send the soft copies of detailed plans for each new project planned to all the members for study and send their suggestions within 15 days after the meeting to chairman. Also committee suggested to consider the following:</td> <td data-bbox="1057 1644 1446 1892">Soft copies of detailed plans are sent to all the members for suggestions by e-mail.</td> </tr> </tbody> </table>			Item No	Suggested	Action Taken	BWC-2(2019)-02	Advised to follow the details given in the sanction for both ongoing and new projects under HEFA and advised to complete all the necessary works pertaining to ongoing projects within the sanctioned amount of Rs 31 crores by HEFA.	Keeping in view of the suggestion the expenditure for on-going projects are maintained within sanctioned amount of Rs.31 crores by HEFA	BWC-2(2019)-03	To complete minor pending works noticed in on-going projects.	Intimated to CPWD the list of minor works and asked for early completion	BWC-2(2019)-04	a) Suggested to restrict the total area to 50,458 sq.mts. in compliance with DPR.	Institute has considered the suggestion and planned to total area to 50458 sqm.	b) The Committee also advised to utilize available terrain slopes and to store the rain at regular intervals along the valley or gorge in the campus to achieve complete utilization of rain water to recharge the ground water table and the same is to be incorporated by the Architect in the master plan.	Considered and incorporated in Master plan and in the landscape drawings	BWC-2(2019)-05	The committee advised the Architect to send the soft copies of detailed plans for each new project planned to all the members for study and send their suggestions within 15 days after the meeting to chairman. Also committee suggested to consider the following:	Soft copies of detailed plans are sent to all the members for suggestions by e-mail.
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		a) The revised plans are to be made to reduce the cost of the project where ever possible.	Cost factor considered during planning
		b) Opening between the buildings can be covered with solar panels fixed on girders so that terrace can be open	Yet to be decided.
		c) Advised Architect to contact fire department when Connection for the two blocks is present in the design.	Noted.
		d) Provide supporting columns to the portico projection of Administrative building.	Entrance portico redesigned by the Architect
		e) STP arrangement for bathroom water to be planned and reused for toilet flush.	considered as part of master plan.
		f) Construction of substation shall be made and the first floor can be utilized by the institute.	APCPDL staff visited the site and prepared estimates for connection. Substation planning is in process.
	BWC-2(2019)-08	The committee advised the Institute to meet the concerned Govt. authorities and pay the necessary statutory/ license fees, if needed.	Architect is taking care of this activity as part of agreement.
	BWC-2(2019)-09	The committee advised to take up fire protections for all new projects	Informed the Architect to consider fire protection for all new projects.
	BWC-2(2019)-11	The committee advised to provide rent free space for the office use of CPWD in Hostel 2 (Boys Hostel) on temporary basis and renew on yearly basis.	Rent free Space is provided in Hostel-2 (Boys Hostel) and will be renewed on yearly basis.
	BWC-2(2019)-12	The committee advised to set up the Play fields by preparing earthen base for students till the surface is finally finished in phase II	Communicated to CPWD to prepare the shuttle and Volleyball courts immediately.
	BWC-2(2019)-13	The committee advised that to take up Horticulture works around the buildings as per provisions in the Preliminary Estimates (PE), already sanctioned.	Intimated to CPWD to take up horticulture works on incremental basis only near completed buildings.
	BWC-2(2019)-14	The committee advised the Institution to act as per the agreement already signed with the Architect.	Noted and agreement will be revised accordingly.

Resolution:

The Committee has noted the action taken report. BWC suggested to use dual plumbing system by utilizing treated water by STP in order to reduce water demand. STP water can also be used for gardening as well as flushing system. The pipes for the dual system shall be indicated in plans and section by using separate colors. It also helps to increase the GRIHA points.

BWC-3(2020)-03	<p>To discuss and approve the detailed plans and estimates of various new construction projects under HEFA.</p>
	<p>Based on the detail plans submitted by Architect, CPWD has prepared preliminary estimates for the following:</p> <ul style="list-style-type: none"> a) Administration Block b) Seminar Hall and cafeteria block c) Lecture block (3A) – 3 Nos d) Laboratory block (4A,4B) f) Hostel block (8A) g) Dining block h) Faculty housing i) Director's residence j) Mechanical workshop (4C), k) Substation building, <p>In this connection, the institute has received an official letter from Chief Engineer, CPWD, vide reference No 23(747)/2019/8-10, dated 2.1.2020, indicating the preliminary estimates amounting to Rs 133,43,05,800/- for construction above works. Other terms and conditions are also included in this letter. Details are placed in Annexure -2.</p> <p>In addition, as per directions of NITIAYOG, all the new projects are to be executed under EPC mode. Based on various meetings held with IAC, Architect and CPWD officials, and agreement with architect, it is suggested to initiate all new projects under EPC Mode 3 as the institute is having agreement with the Architect. Letter issued by CPWD is placed in Annexure – 3.</p> <p>BWC may consider and approve the detail plans along with preliminary estimates and accord permission to issue administrative approval to CPWD for initiation of tender process.</p> <p style="text-align: center;"><u>Resolution:</u></p> <ol style="list-style-type: none"> 1. The Committee observed that CPWD has considered VRF AC system rather than centralized AC. BWC suggested CPWD to look into and confirm the provision made in the estimates is better engineering solution or not. After confirmation it can be ratified. 2. The Committee suggested that to drop manual where they are both manual and automatic has been mentioned in the estimate for fire alarm systems. Also advised to ensure at least one type of system should be installed in each building. 3. The Committee advised to use new technologies during construction wherever it possible according to directives provided by Govt. of India in order to reduce the cost and time. BWC suggested CPWD to consider this if such new technologies are cost effective in the existing terrain land. 4. CPWD should use liberally naturally available material in the site for the

	construction activities/retaining walls/filling/landscape/drains etc. if there is reduction in the cost for the new projects.
BWC-3(2020)-04	Appraisal of on-going activities as part of Bulk Services and fire protection services.
	<p>i. Progress of Hostel 2 (G + 4) to accommodate 250 boys: Completed and occupied at the end of November 2019.</p> <p>ii. Construction of Bulk services: Rain water drains, trenches for running cables are still under progress. Laying of WBM roads, pavement works, fixing of street lights, cable works and landscaping works are in progress and will be completed the end of January 2020. After one season, BT roads will be laid.</p> <p>iii. Fire Protection Services: Fire approval drawings will be submitted by the Architect. Institute has already communicated to fire department of AP for exemption of Statutory fees and refund of already paid fee.</p> <p style="text-align: center;"><u>Resolution:</u></p> <p>Committee indicated that CPWD should follow strictly stipulated time for completion of on-going works and settle all the ongoing projects to book the expenditure as part of on-going HEFA project sanction.</p>
BWC-3(2020)-05	Approval to initiate Landscaping and horticulture works near the completed buildings.
	<p>The IAC has suggested taking up Landscaping and pavement works around the existing completed buildings. Minutes of IAC meeting are placed in Annexure 4. Committee may consider for approval.</p> <p style="text-align: center;"><u>Resolution:</u></p> <p>Committee has noted and approved.</p>
BWC-3(2020)-06	Any other item with the permission of the Chair.
	<p>6.1 Approval of commissioning of BSNL antenna on the existing building. Approved.</p> <p>6.2 Approval of Audio Visual system in various classroom and seminar hall Committee suggested to provide only required network infrastructure to install the AV equipments in future. The other necessary equipment can be supplied separately whenever it is necessary.</p>