



भारतीय प्रौद्योगिकी संस्थान इन्दौर
Indian Institute of Technology Indore

Minutes of fifty eighth (58th) meeting of the Building and Works Committee held on April 11, 2022 at 11:00 hrs. In the Board Room, Abhinandan Bhavan, IIT Indore.

Present:

Chairperson:

1. Professor Suhas S. Joshi
Director, IIT Indore

Members:

2. Prof. Manish Kumar Goyal
Dean, Infrastructure Development, IIT Indore
3. Mr. Biswakesan Sahoo
Superintending Engineer (E&M), IIT Kharagpur
(Through online)
4. Mr. Aditya Kumar Singhal
Former Director General (Works), CPWD
(Through online)
5. Dr. Akhilesh Kumar Srivastava
Chief General Manager,
National Highway Authority of India
(Through online)
6. Mr. Govind Parchani
Chief Engineer, RRCAT, Indore
7. Dr. Amod C. Umarikar
Associate Professor (EE), IIT Indore

Special Invitees:

8. Dr. Guru Prakash
Associate Dean, Infrastructure Development, IIT Indore
9. Dr. Srivathsan Vasudevan
Faculty Advisor, Infrastructure Development, IIT Indore
10. Mr. Pradeep Agarwal
Joint Registrar (FA and RG), IIT Indore
11. Mr. Atul Kumar Pandey
Project In Charge, IIT Indore

Minutes, 58th BWC Meeting



12. Mr. Vijayendra Shastri
Assistant Registrar (ID), IIT Indore

Secretary:

13. Mr. S.P. Hota
Registrar I/c, IIT Indore

Item 58.1	Welcome and opening remarks by the Chairperson, BWC.
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Chairperson welcomed all the members and thanked all the members for attending the meeting on a short notice. It was informed that one hostel and one POD (Heavy Lab Complex) is to be constructed and it will take about 18-24 months for planning and completion of these buildings. These buildings are essential part of Phaes-3 and master plan of the Institute. As the construction and sanction of complete Phase-3 may take more time which may have effect on the functioning and expansion plans of the Institute in near future.

Chairperson advised the Secretary to proceed as per agenda items.

Item 58.2	To confirm the minutes of the fifty sixth (57 th) meeting of Building and Works Committee held on October 29, 2021.
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Minutes of the 57th BWC meeting held February 3, 2022 were circulated to all the members. BWC confirmed the minutes.

Item 58.3	To consider A/A&E/S for 01 Hostel Building and 01 Heavy Lab complex.
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Proposal A- One Hostel of 550 capacity with an approximate area of 15,792 SQM and preliminary estimate of INR 60.3 Crore

BWC discussed on the proposal of the agenda and other options in detail along with pro and cons of each option.

- Modification in the existing hostel drawings to enhance the capacity of 550 students.
- Planning and designing of new hostel with enhanced capacity of 550.
- Adoption of drawing and designs of the existing hostels constructed by CPWD with 490 capacity.

After a detailed deliberation, it is concluded that considerable time will be required for planning and designing of a new hostel with enhanced capacity of 550. Exercising in modification in the existing hostel drawings to enhance the capacity of 550 will affect the common area and safety. It will be easy to construct the new hostel with same design and drawings having capacity 490 students.



BWC recommended the proposal for construction of one more hostel through CPWD on deposit basis, similar to the existing hostels. The estimated cost on pro rata basis for an area of 14,069 Sqmtr. works out to be Rs. 54.30 Crore instead of Rs. 60.30 Crore.

Administrative Approval and Expenditure Sanction for an amount of Rs. 54.30 Crore may be accorded after getting approval from FC & BOG. The funds may be managed through balance funds available from HEFA.

Proposal B- POD (Heavy & Sophisticated Lab Complex) as research facility on an area of 6,000 SQM with a preliminary estimate of INR 41.72 Crore.

BWC deliberated on the proposal submitted for consideration of construction of G+2 building and with a plan of vertical expansion. The matter was discussed in detail, and it was felt that the vertical expansion is not encouraged from the safety aspects in the occupied buildings.

BWC recommended that G+3 building should be constructed with area of 8,000 SQM and an estimated cost of Rs. 51 Crore in view of the availability of funds. Committee also advised that during finalization of the design and drawing waffle slabs in the existing POD building should be replaced with conventional slab for ease in construction and to optimise the cost and time.

To accommodate the Heavy and Sophisticated Lab Equipment at ground floor the roof height may be based on the needs.

BWC recommended for construction of G+3 building instead of G+2 for an area of 8,000 SQM with an estimated cost of Rs. 51 Crore.

Administrative Approval and Expenditure Sanction may be accorded after getting approval from FC& BOG. The funds will be managed through balance funds available from HEFA.

Item 58.4	Presentation of the status report on the remaining Work of construction of Phase1 A(a) Part-A
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Project In Charge, IIT Indore has presented the status of ongoing work under Phase 1A (a)- Part A through M/s B.R. Goyal Infrastructure Ltd. It was informed that the work is on the fast track. Average labours deployed are around 290 labours per day since two months. BWC noted that PMC M/s MECON Ltd. has continued to remain absent since January 19, 2022. BWC noted the physical progress of the project has reached to 44 %.

During execution of the works, a few items deviations / extra items are needed for completion of the project and it will be on risk and cost of M/s Simplex infrastructure Limited. The BWC recommended constituting a two members committee consisting of Mr. Govind Parchani, Chief Engineer, RR CAT Indore and Mr. Rajeev Kumar, Superintending Engineer, CPWD Indore for vetting of the extra and deviated items analyzed by IDO IIT Indore and vetting of balance scope of work of M/s Simplex infrastructure limited. In case of increase in cost up to 10% there is no need to hold the work. The requirement of extension to the complete the work will be decided based on the progress of work in the last week of the April 2022.

BWC committee members expressed pleasure on completion of 10 buildings namely Kshipra Residential Complex, Lecture Hall Complex, Abhinandan Bhawan, Learning Resource Center (Library), Health Center, C. V. Raman Hostel, Homi Jehangir Bhabha Hostel, Devi Ahilya Hostel, Vikram Sarabhai Hostel and Central Dining Facility by CPWD satisfactorily and appreciated the efforts made by IDO team of IIT Indore & CPWD for completion of the buildings successfully.

Item 58.5	Any other item with permission of Chairperson.
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Nil

Meeting ended with a vote of thanks to the Chair.



(Mr. S. P. Hota)

Registrar I/c & Secretary, BWC


06.05.2022

(Prof. Suhas S. Joshi)

Director and Chairman, BWC, IIT Indore

