

भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमांद- 175075, हिमाचल प्रदेश

INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND – 175075, HIMACHAL PRADESH



कार्य सूची  
AGENDA

अभिशासक परिषद्  
BOARD OF GOVERNORS

बैठक सं० : चालीसवीं  
MEETING NO. : FORTIETH

स्थान : सभा कक्ष, सी. वी. रमन अतिथि गृह,  
आई. आई. टी. मण्डी

VENUE : CONFERENCE ROOM, C. V. RAMAN GUEST HOUSE,  
IIT MANDI

दिनांक : 05 जनवरी 2024

DATE : JANUARY 05, 2024

समय : 14:30

TIME : 14:30

**INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND, HIMACHAL PRADESH**



**40<sup>th</sup> MEETING OF THE BOARD OF GOVERNORS**

**FRIDAY, JANUARY 05, 2024**

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**BoG-40.1.0 PROCEDURAL****BoG-40.1.1 To confirm the minutes of the 39<sup>th</sup> meeting of the Board of Governors held on October 11, 2023.**

The minutes of the 39<sup>th</sup> meeting of the Board of Governors held on October 11, 2023, approved by the Chairperson, BoG were circulated to all Board members through email on November 01, 2023, for comments. No comments have been received on the minutes.

The Board may consider confirming the said minutes (enclosed as **Annexure-1; Pages No. 13 to 18**).

**BoG-40.1.2 To note the Action Taken Report (ATR) on the minutes of previous meetings of the Board of Governors (BoG) for Infrastructure related matters.**

The Action taken report on the minutes of previous meetings of the Board of Governors (BoG) for infrastructure-related matters is enclosed as **Annexure-2; Pages No. 19 to 26**.

**BoG-40.1.3 To note the Action Taken Report (ATR) on the minutes of previous meetings of the Board of Governors (BoG) for other matters.**

The Action taken report on the minutes of previous meetings of the Board of Governors (BoG) for other matters is enclosed as **Annexure-3; Pages No. 27 to 28**.

**BoG-40.2.0 ROUTINE MATTERS****BoG-40.2.1 To ratify the decisions / actions taken by the Chairperson, Board of Governors on the recommendations of the Director/designated Committee, on behalf of the Board of Governors:**

Nil.

**BoG-40.2.2 To note other developments at the Institute.****(i) To report the status of filling up of backlog vacancies in the teaching cadre.**

The Ministry of Education, Department of Higher Education has intimated all the IITs to implement the Central Educational Institutional (Reservation in Teacher's Cadre) Act 2019. Further, the Ministry vide DO Letter No.33-2/2021-TS-III (Pt.I) dated August 24, 2021, has instructed all IITs regarding filling of backlog vacancies in a mission mode.

The Process of recruitment for getting the best candidates from reserved categories is taken up in mission mode through Special Recruitment Drives (SRD) as well as Standing/Specific



advertisement mode in which some of the selection processes have been completed and few are under process.

**The current status of Faculty recruitment is as under:**

	Year - 2023
Sanctioned positions (10:1 Students: Faculty)	238
Faculty in positions on a Regular pay Scale	164
<b>Vacancy</b>	<b>74*</b>

**\* Ten (10) candidates have also accepted the offers and may join soon. If joined, the vacancy; will be 69.**

**(ii) Details regarding Global Tender Enquiry (GTE) Proposals.**

As of date, the following are the approved cases of GTE by the MoE to be reported to the Board:

1. 16 Channel EEG System with cap, electrode, and amplifier - Qty. 1 No., for an estimated cost of ₹ 16,80,000/-.
2. Chips (Integrated Circuit) - Qty. 50 Nos., for an estimated cost of ₹ 7,20,000/-.

In addition to the above, one case for procurement of Itasca Software FLAC 2D v 9.0 - Qty. 1 No., costing ₹ 11,00,000/- approx. (Initiated by the SRIC Section) and another procurement case viz. High-Performance Optical Spectrum Analyser - Qty. 1 No., costing ₹ 40,00,000/- approx. (Initiated by the S&P Section) are under consideration for approval of the MoE.

**BoG-40.3.0 MATTERS DISCUSSED / RECOMMENDED BY THE STATUTORY BODIES / COMMITTEES/FUNCTIONARIES**

**BoG-40.3.1 34<sup>th</sup> meeting of the Finance Committee held on July 29, 2023.**

The 34<sup>th</sup> Finance Committee meeting of the Institute was held on July 29, 2023, at IIT Mandi. The minutes of the meetings are enclosed as **Annexure-4; Pages No. 29 to 35.**

**BoG-40.3.2 40<sup>th</sup> meeting of the Building & Works Committee (B&WC) held on June 22,2023.**

The 40<sup>th</sup> Building & Works Committee (B&WC) extension meeting of the Institute was held on November 02, 2023, at IIT Mandi. The minutes of the meetings are enclosed as **Annexure-5; Pages No. 36 to 41.**

**BoG-40.3.3 Recovery of interest on Mobilization advance from CPWD.**

CPWD executed various works at IIT Mandi under phase-1. CPWD was given mobilization advance of ₹ 16,55,45,900/- as per MoU. Interest earned (₹ 3,10,57,645/-) on the mobilization advance was deposited by

CPWD in the revenue head of GOI instead of crediting to the project account of IIT Mandi.

B&WC in its 40<sup>th</sup> extension meeting deliberated that CPWD should credit interest to IIT Mandi at the earliest.

B&WC further recommended to report the matter to BoG.

#### BoG-40.3.4 Faculty/Staff members who have joined the Institute.

Faculty Members					
S.No	Name	Designation	School	Date of Joining	Last Reference
1.	Dr. Vadim Tuneev	Adjunct Professor	IKSMHA Centre	21.09.23	GBC Emeritus, ISKCON & Scientific Advisor, BIHS Florida
2.	Dr. Indu Bala	Assistant Professor Grade-II	School of Chemical Sciences	05.10.23	Research Scholar at Dartmouth College, USA
3.	Dr. Ramajayam Govindaraji	Assistant Professor Grade-I	IKSMHA Centre	13.10.23	Scientist-C (Yogic Science) at National Institute of Mental Health & Neuro Sciences Bengaluru
4.	Mr. Hidehiko Saegusa	Professor of Practice	IKSMHA Centre	29.10.23	Co-Director Laboratories for Science of Consciousness, California Institute of Human Science San Diego, USA
5.	Dr. Aparna Malaviya	Visiting Assistant Professor	SHSS	24.11.23	Fulbright Nehru Postdoctoral Fellowship, Fulbright-USIEF

6.	Dr. Ekta Makhija	Assistant Professor Grade-I	SBB	28.11.23	Research Scientist at Singapore-MIT Alliance for Research and Technology, Singapore
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**BoG-40.3.5 Faculty members who have resigned/relieved after the last BoG meeting till 19.12.2023.**

S.No	Name	Designation	School	Date of Joining	Last Reference
1.	Dr. Shreya Gaikwad	Assistant Professor Grade-II	SHSS	10.11.23	Resigned due to selection at JNU, Delhi
2.	Dr. Dileep A.D.	Associate Professor	SCEE	05.12.23	Resigned due to selection at IIT Dharwad
3.	Dr. Sharvan Kumar	Assistant Professor Grade-I	SCS	15.12.23	Resigned due to selection at IISC Bangalore

**BoG-40.3.6 Regular Staff members who have joined after the last BoG meeting till 19.12.2023.**

S No	Name	Designation	School/Section	Date of Joining	Last Reference
1.	Mr. Vinod	Junior Lab. Assistant (Technical)	SPS	17.10.23	-
2.	Mr. Sanjeev Sharma	Junior Technical Superintendent	SCENE	22.11.23	IIT Mandi (On Outsourced)
3.	Mr. Shivam	Junior Technical Superintendent	SCEE	22.11.23	IIT Mandi (On Outsourced)
4.	Mr. Rahul Jamwal	Junior Lab. Assistant (Technical)	SCENE	23.11.23	NIT Hamirpur

5.	Mr. Amit Kumar	Junior Lab. Assistant (Technical)	DCS	24.11.23	IIT Mandi (as Junior Assistant)
6.	Mr. Gulshan Kumar	Junior Lab. Assistant (Technical)	DCS	24.11.23	IIT Mandi (as Junior Assistant)
7.	Mr. Rakesh Kr. Sharma	Junior Lab. Assistant (Technical)	DCS	24.11.23	IIT Mandi (On Outsourced)
8.	Mr. Desh Raj	Junior Technical Superintendent	DCS	28.11.23	IIT Mandi (as Senior Lab. Assistant)
9.	Mr. Yuvraj	Junior Lab. Assistant (Medical)	Health Centre	04.12.23	-
10.	Mr. Vijay Kumar	Pharmacist	Health Centre	07.12.23	IIT Mandi (On Outsourced)
11.	Ms. Kamlesh Kumari	Staff Nurse	Health Centre	07.12.23	IIT Mandi (On Outsourced)
12.	Mr. Anish Dhiman	Junior Lab. Assistant (Technical)	SMME	07.12.23	IIT Mandi (On Outsourced)
13.	Mr. Anand Kr. Dewangan	Junior Lab. Assistant (Technical)	DCS	08.12.23	NIT Raipur

**BoG-40.3.7 Temporary/Consolidated/Consultant Staff members who have joined after the last BoG meeting till 19.12.2023.**

S No	Name	Designation	Section	Date of Joining	Last Reference
1.	Dr. Geeta Rani	Consultant – Counselor (per diem basis)	Dean Students	17.11.23	Uttaranchal University

**BoG-40.3.8 Staff members who have resigned/relieved after the last BoG meeting till 19.12.2023.**

S No	Name	Designation	Section	Date of Relieving	Remark (if any)
1	Mr. S. Harikrishna Chary	Junior Superintendent	CCE	09.10.23	-

2	Mr. Sameem Khan	Junior Assistant	Faculty Establishment	14.12.23	-
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#### **BoG-40.4.0 AGENDA ITEMS**

#### **BoG-40.4.1 Presentation by the School of Biosciences and Bioengineering (SBB).**

The Chairperson, School of Biosciences and Bioengineering (SBB) will give the presentation on the status/updates/plans of his School.

#### **BoG-40.4.2 To consider the damages of IIT Mandi due to recent heavy rains and proposed protection measures for the future.**

The heavy rains and flash floods that occurred during July-August 2023, caused immense damage to the existing infrastructure of IIT Mandi whose initial estimate is ₹ 3,40,00,000/- as given in Table 1. **(Annexure-6; Pages No. 42 to 57)**. This matter was reported in the 40<sup>th</sup> B&WC meeting held on September 06, 2023. The remedial measures that must be taken, so that such calamities do not hamper the existing infrastructure is also presented to the B&WC.

The objectives of providing these remedial/protective measures are the following:

1. To protect existing hostels, research labs, academic blocks, and residential buildings by constructing gabion walls and protection walls.
2. To restructure the existing drainage system on both campuses of IIT Mandi.

The approximate cost of remedial measures is ₹ 67,19,00,000/- as given in Table no. 2 **(Annexure-7; Pages No. 58 to 83)**. B&WC has approved this estimate and recommended it to FC and BoG for approval.

B&WC further recommended to FC/BoG for approval.

Accordingly, the matter is placed before the Board for consideration.

#### **BoG-40.4.3 To consider the resolving GST rate to settle the bills with NBCC, PMC of IIT Mandi.**

NBCC has executed various works at IIT Mandi for phase 1 and 1x as the Project Management Consultancy (PMC). Final bills for the works are to be settled as per the agreement between IIT Mandi and NBCC. NBCC provided documents/bills showing that the contractors have paid 18% GST against the existing rule of 12% GST during the period 2017-2021.

As the NBCC contractors have already submitted GST @ 18% to the GST department and the period for the revision of the GST return has already lapsed, hence B&WC in its 40<sup>th</sup> extension meeting recommended settling the bills with NBCC based on 18% GST subject to the production of undertaking by NBCC that the GST paid by contractors are @18% and the

contractors have not claimed refund of the excess GST paid by them. B&WC recommends this proposal to FC and BoG for approval.

The B&WC minutes are placed in **Annexure-5; Pages No. 36 to 41.**

Accordingly, the matter is placed before the Board for consideration.

**BoG-40.4.4 To consider the funds' source for married research scholar cum project employees.**

Originally, in 36<sup>th</sup> meeting, BoG approved the construction of a married hotel with an amount of ₹ 10,00,00,000/-, construction agency IIT Mandi and funds source HEFA Term Loan - II. However, in the 38<sup>th</sup> Meeting, BoG approved the construction agency as CPWD.

The Institute has submitted the closure report of HEFA Term Loan-II. Therefore, it is proposed that the funding source may be considered as HEFA Term Loan - III.

Accordingly, the matter is placed before the Board for consideration.

**BoG-40.4.5 To consider the works for the development of new assets and infrastructure to be constructed at IIT Mandi.**

As approved in the 38<sup>th</sup> BoG meeting, a general memorandum of understanding (MoU) has been signed between IIT Mandi and CPWD to construct new assets and infrastructure in phase -2 under HEFA Term Loan ₹ 3,33,72,00,000/-.

To bring in efficiency as well as timely completion, B&WC in its 40<sup>th</sup> meeting agreed to the proposal to select other PMCs as per General Financial Rules (GFR).

B&WC further recommends to FC and BoG for approval.

Accordingly, the matter is placed before the Board for consideration.

**BoG-40.4.6 To assess and deliberate on the existing Special Travel Facilities for Faculty and Staff, prompted by concerns raised in the recent Audit Report.**

Considering the remote location of the institute, in the year 2013, a provision of special travel facilities was extended for various purposes, including medical travel, home travel, LTC, etc. for the employees of the institute with the provision for a review of the policy after five years or until dedicated connectivity is established, whichever is earlier (**Annexure – 8; Pages No. 84 to 85**), Copy of Notification No. IITMandi/Admn/RS-78/2013/6428-40 (24.12.2013)).

Upon completion of five years, after a review, in 2019, the special travel facility was extended for another five years for faculty and staff to visit Chandigarh/Delhi once a year, (**Annexure – 9; Page No. 86**, Copy of Extension dated 21.06.2019).

However, in the 2020-21 Audit, The Comptroller and Auditor General (C&AG) raised concerns about unauthorized grants of special travel facilities, amounting to ₹ 12,30,00,000/-, (**Annexure – 10; Page No. 87**, Copy of C&AG Audit Objection (2020-21)).

The extended duration of such facility will be over on 23.12.2023. Therefore, a committee was constituted by the Director to submit its recommendations in this matter. Keeping in view the hardship being faced by the employees due to remote location and various other constraints, the committee has recommended extending the same for a further five years (**Annexure – 11; Page No. 88**).

The item is placed before the Board for consideration.

**BoG-40.4.7 To consider the revised proposal for Group Health Insurance.**

Dr. Atul Dhar, Chair, Employee Welfare Committee has presented the agenda regarding the Group Health Insurance policy for the employees of the Institute during the Institute Standing Committee (ISC) meeting held on 16<sup>th</sup> July, 2023.

The Institute Standing Committee (ISC) after suggesting some changes, (**Annexure – 12; Page No. 89 to 93**) recommended the proposal to FC/BoG for consideration.

The item is placed before the Board for consideration.

**BoG-40.4.8 To discuss the Separate Audit Report (SAR) on the final accounts of IIT Mandi for the FY 2022-23.**

It is submitted that the Annual Accounts of the IIT Mandi for the Financial Year 2022-23 were finalized by the institute on July 30, 2023. Subsequently, the Final Accounts were submitted to the office of the CAG of India on August 09, 2023, after the approval of the Chairman, BoG for subsequent Audit, Certification of Accounts, and issue of Separate Audit Report (SAR).

The CAG of India conducted the audit of the final accounts during the period September 05 to 19, 2023, and accordingly draft Separate Audit Report (SAR) of the Accounts was received from the CAG of India office in this Institute on October 05, 2023. The reply to these observations was submitted to their office on October 17, 2023. The CAG of India considered the replies submitted by the institute over the draft Separate Audit Report and thereafter issued the Final Separate Audit Report (SAR) which was received in this institute on November 10, 2023.

The observations have been noted and its compliance will be shown to the CAG of India team at the time of the next audit as per past practice, enclosed as **Annexure – 13; Pages No. 94 to 99**.

The agenda is placed in BoG for ex post facto ratification as the final accounts duly printed 35 copies (Hindi and English versions each) have been submitted to the Ministry of Education.

**BoG-40.4.9 To consider the case of Mr. Kumar Kirsh (B20295) for relaxation in fees.**

Mr. Kirsh Kumar (B20295) was admitted in the B.Tech (Mechanical Engineering) programme in 2020. After fulfilling the branch change criteria, his branch changed from Mechanical Engineering to Computer Science and Engineering (vide Notification No. IIT Mandi/Acad/2021/DS-1860-66 dated 14-08-2021). Mr. Kirsh Kumar informed that he has been staying with his family for the last 10 years and his current Nationality is Pakistani. He passed the 10<sup>th</sup>/10+2 examination from India. He applied alongwith document (Business Rules 2020 for Joint Seat Allocation) to consider his seat as par with Indian National based on the following reason:

*“(B) For Foreign Citizens*

*(i) For IITs*

*Candidates who are not Indian Nationals but who have studied 10+2 level or equivalent in India will be assigned category tag GEN for seat allocation to IITs. These candidates are not eligible for benefits of any kind of reservation (e.g. Gen-EWS, OBC-NCL, SC, ST or PwD)”.*

At the request of the student, the Academic Office raised the issue with Chair, JEE Cell IIT Mandi. Chair, JEE cell further sent the query to Chairman, JEE (Adv), New Delhi. Chairman, JEE (Adv) clarified that the seat allocated to Mr. Kirsh Kumar was under the Foreign Supernumerary seat.

Mr. Kirsh Kumar informed that his family's annual income is less than ₹ 5,00,000/-. On August 28, 2023, he sent his request to the Department of Higher Education, Ministry of Education for consideration of his admission to B.Tech. programme equivalent to Indian General category students.

At the Institute level, the DORA office had requested all Scholarship Scheme Partners for donations or scholarship. But there is no response from the other side.

Recently, due to non-receipt of the pending amount, the registration of Mr. Kirsh Kumar along with other students has been canceled from the programme.

In this regard, it is proposed that the fee applicable to Mr. Kirsh Kumar may be considered as par with Indian National student and he may be allowed to pay the fee equivalent to GEN category Indian National student.

The item is placed before the Board for consideration.



**BoG-40.4.10 Additional agenda placed on the table with the permission of the Chairperson, if any.**

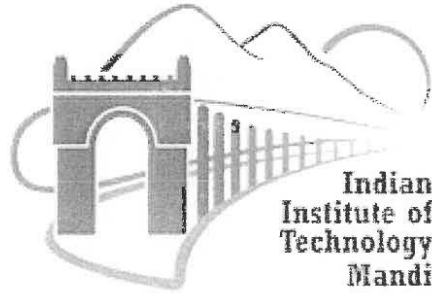
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Annexure-1

अभिशासक परिषद् की उनतालीसवीं बैठक का  
कार्यवृत्त

**MINUTES OF THE 39<sup>th</sup> MEETING OF THE  
BOARD OF GOVERNORS**

11<sup>th</sup> OCTOBER, 2023



भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमांद- 175075, हिमाचल प्रदेश

**Indian Institute of Technology Mandi  
Kamand – 175075, Himachal Pradesh**

**INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND, HIMACHAL PRADESH**



**39<sup>th</sup> MEETING OF THE BOARD OF GOVERNORS**

**WEDNESDAY, OCTOBER 11, 2023**

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<b>BoG-39.2.0</b>	<b>ROUTINE MATTERS</b>	
BoG-39.2.1	To ratify the decisions / actions taken by the Chairperson, Board of Governors on the recommendations of the Director/designated Committee, on behalf of the Board of Governors.	3
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BoG-39.3.1	To consider the award of PhD, iPhD, MS (By research), M. Tech, M.Sc., M.A. & B.Tech degrees.	4
BoG-39.3.2	To consider the award of medals & Prizes to the winner among the graduands, which are to be awarded during the 11 <sup>th</sup> convocation of the institute.	4
BoG-39.3.3	To consider the Nomination of Prof. Venkata Krishnan, School of Chemical Sciences as a Coordinator with IKS Division of Ministry of Education (MoE).	4
BoG-39.3.4	Additional agenda placed on the table with the permission of the Chairperson, if any.	5

Minutes of the 39<sup>th</sup> Board of Governors Meeting11<sup>th</sup> October, 2023**INDIAN INSTITUTE OF TECHNOLOGY MANDI****Minutes of 39<sup>th</sup> Meeting of the Board of Governors held on 11<sup>th</sup> October, 2023 from 02:00 P.M. in the Conference Room, C. V. Raman Guest House, IIT Mandi.**

The following were present:

- |     |   |                 |                       |
|-----|---|-----------------|-----------------------|
| 1)  | Lt. Gen Kanwal Jeet Singh Dhillon (Retd.)<br>Chairperson, BoG IIT Mandi                             | Chairperson     |                       |
| 2)  | Prof. Laxmidhar Behera<br>Director, IIT Mandi   | Member          |                       |
| 3)  | Dr. Pradeep Kumar Agrawal<br>Scientist, Research Centre Imarat (RCI)<br>D.R.D.O. Hyderabad          | Member          |                       |
| 4)  | Shri Krishan Chandra Sharma<br>Site Head & Sr. Vice President<br>LUPIN Pharma Limited, Raisen, M.P. | Member          |                       |
| 5)  | Prof. Manoj Thakur<br>Professor, SMSS, IIT Mandi  | Member          |                       |
| 6)  | Prof. Satinder K. Sharma<br>Professor SCEE & Dean (Faculty)<br>IIT Mandi                            | Member          |                       |
| 7)  | Prof. Aniruddha Chakraborty<br>Dean (Academics), IIT Mandi  | Special Invitee | } For item no. 39.3.1 |
| 8)  | Dr. P. Anil Kishan<br>Associate Dean (Courses), IIT Mandi   | Special Invitee | } For item no. 39.3.1 |
| 9)  | Dr. C. S. Yadav<br>Associate Professor, SPS, IIT Mandi  | Special Invitee | } For item no. 39.3.2 |
| 10) | Dr. Bindu Radhamany<br>Chairperson - ICC, IIT Mandi   | Special Invitee | } For item no. 39.2.2 |
| 11) | Dr. Kumar Sambhav Pandey<br>Registrar, IIT Mandi  | Secretary       |                       |

Leave of absence has been granted to the following:

- |    |  |        |
|----|--|--------|
| 1) | Shri Hemant Sood<br>Managing Director & Promoter<br>Findoc Financial Services Group Ludhiana           | Member |
| 2) | Additional Secretary (TE)/Joint Secretary<br>(Ex-Officio) Ministry of Education<br>Government of India | Member |
| 3) | The Secretary (TE)<br>Government of Himachal Pradesh   | Member |

Minutes of the 39<sup>th</sup> Board of Governors Meeting11<sup>th</sup> October, 2023

The Director welcomed and introduced new Chairperson, BoG, Lt. Gen Kanwal Jeet Singh Dhillon (Retd.) and the new Registrar and Secretary, Board of Governors (BoG), IIT Mandi, Dr. Kumar Sambhav Pandey to all the Board members and placed on record the appreciable services rendered by Prof. Satinder K. Sharma, the outgoing Registrar I/c and Secretary I/c to the Board of Governors, IIT Mandi. Further, he also welcomed all members including the special invitees.

The Chairperson, BoG, as an opening remark to the meeting, congratulated the graduands and extended best wishes to Faculty, Staff & Students for organizing 11<sup>th</sup> Convocation of the Institute.

The Director briefed the Board about his visit to NIMS, Japan regarding collaborations, further developments of newly established Centre for Quantum Science and Technology (CQST), development of faculty etc.

Board congratulated Director for his efforts and achievement of the Institute.

#### **BoG-39.1.0 PROCEDURAL**

**Item No.:** To confirm the minutes of the 38<sup>th</sup> meeting of the Board of  
**BoG-39.1.1** **Governors held on 29/07/2023.**

It was noted that the minutes of 38<sup>th</sup> meeting of the Board of Governors (BoG) held on 29/07/2023 were circulated and no comments have been received. Therefore, the minutes of 38<sup>th</sup> meeting of the Board of Governors (BoG) meeting held on 29/07/2023 were confirmed, as circulated.

#### **BoG-39.2.0 ROUTINE MATTERS**

**Item No.:** To ratify the decisions / actions taken by the Chairperson, Board of  
**BoG-39.2.1** **Governors on the recommendations of the Director/designated Committee, on behalf of the Board of Governors:**

The Board perused the decisions and approvals accorded by the Chairperson, BoG.

Further, the Board thanked the Chairperson, BoG for the decisions and approvals and ratified the same.

**Item No.:** To note other developments at the Institute.

**BoG-39.2.2** The Board noted the developments at the Institute.

**(i) To report status of filling up of backlog vacancies in teaching cadre.**

The Dean (Faculty) briefed the Board about the status of filling up of backlog vacancies in teaching cadre.

Further, the Board noted the development and advised to expedite the recruitment process.

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With these the other matters as reported vide agenda item no. 39.2.2 were noted by the BoG.

Further, the Chairperson, BoG advised that ICC and ragging related matters should be taken very seriously. Zero tolerance would be observed against serious complaints related to ICC and ragging.

**BoG-39.3.0 MATTERS DISCUSSED / RECOMMENDED BY THE STATUTORY BODIES / COMMITTEES/FUNCTIONARIES**

**Item No.: To consider the award of PhD, iPhD, MS (By research), M. Tech, M.Sc, M.A. & B.Tech degrees.**  
**BoG-39.3.1**

The Senate in its 41<sup>st</sup> Meeting held on 08.10.2023, recommended to the Board, the list of students who have fulfilled all the requirements for the award of degree.

The Board congratulated all the graduands for award of degrees. Further, the Board considered the recommendations of the Senate and approved the same.

**Item No.: To consider the award of medals & Prizes to the winner among the graduands, which are to be awarded during the 11th convocation of the institute.**  
**BoG-39.3.2**

The Senate in its 41<sup>st</sup> Meeting held on 08.10.2023, recommended to the Board, the award of medals & Prizes to the winner among the graduands placed on the table.

The Board congratulated all the awardees of medals & Prizes among the graduands. Further, the Board considered the recommendations of the Senate and approved the same.

**Item No.: To consider the Nomination of Prof. Venkata Krishnan, School of Chemical Sciences as a Coordinator with IKS Division of Ministry of Education (MoE).**  
**BoG-39.3.3**

The Dean (Faculty) apprised to the Board that the nomination of Prof. Venkata Krishnan, School of Chemical Sciences (SCS) has been made for two years by the Ministry of Education (MoE) vide their scheme regarding expansion of Indian Knowledge System (IKS) division with the condition that Dr. Krishnan will draw his salary from his parent Institution (CFIs) (i.e. IIT Mandi) during the period as per rules and regulations of GoI/CFIs. Dr. Venkata Krishnan will be allowed once a month but not for more than 07 days to visit IIT Mandi under budgetary provision of AICTE for guiding research scholars, maintaining laboratories and other research related activities.

After detailed deliberations, the Board approved the request of Prof. Venkata Krishnan.

Minutes of the 39<sup>th</sup> Board of Governors Meeting

11<sup>th</sup> October, 2023

**Item No.:** Additional agenda placed on the table with the permission of the  
**BoG-39.3.4** Chairperson, if any.

None.

Thereafter, the meeting concluded with a vote of thanks to the Chair.

  
Prof. Laxmidhar Behera  
Director, IIT Mandi

  
Dr. Kumar Sambhav Pandey  
Registrar & Secretary, BoG

Chairperson, Board of Governors

Annexure-2

To note Action Taken Report (ATR) on the minutes of previous meetings of the Board of Governors (BoG) for Infrastructure related matters.

Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
15.2.5	Water supply scheme of IIT Mandi at Kamand.	Approved in 15 <sup>th</sup> BoG meeting held on 22 <sup>nd</sup> Aug., 2016 amounting to Rs. 2.81 Cr.  Revised approval amounting to Rs.3,76,11,802/- has been accorded in 26 <sup>th</sup> BoG meeting held on 30 <sup>th</sup> Aug., 2019 (item no.26.2.8)	29 <sup>th</sup> Sept., 2017 (Jal Shakti Vibhag)	28 <sup>th</sup> Sept., 2018	Only automation work is remaining	Dec, 2023	As directed during 38 <sup>th</sup> BoG meeting, a meeting has been conducted with Jal Shakti officials to conclude the matter at the earliest. Officials of the Jal Shakti Department has been asked to provide final closer of funds and work done. This item will be discontinued in next ATR for BoG.
20.2.5	Augmentation of existing 1x16/20 MVA, 132/33 kV Power Transformer to 1x25/31.5 MVA at 132/66/33kV Sub-Station Bijni along with 33 kV feeder bay to meet with the	Approved in 20 <sup>th</sup> BoG meeting held on 16 <sup>th</sup> Feb. 2018, amounting to Rs.489 Lakhs (Item No. 20.2.5)	31 <sup>st</sup> Aug, 2020 (HPSEBL)	07 <sup>th</sup> Nov., 2020	Only erection work of 33kV outgoing side and control cabling is pending.	Dec, 2023.	HPSEBL demanded additional 34.36 Lakhs to complete the work.  In 39 <sup>th</sup> B&WC meeting, members deliberated and appraised that HPSEBL shall settle the additional demand of



Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
	load of IIT Mandi at Kamand amounting to Rs.489 Lakhs.						Rs. 34.36 Lakhs from the balance of submitted deposit of 546 lakhs.  This item will be discontinued in next ATR for BoG.
30.2.1	To consider the proposal of Govt. of Himachal Pradesh for acquiring the forest land for the purpose of Research Park and Research Science Park (Science and Technology Outreach Park).  A. Acquisition of land for the purpose of Research Park.	Approved by BoG in its 30 <sup>th</sup> BoG Meeting held on 27.08.2020.	-----	-----	-----	-----	The selected land lies in forest area and requires the FCA approval. Principal ITI has been appointed as Nodal Officer for acquisition of land, nominated by the Director (Technical Education, Govt. of H.P.).  A. Latest status for 10 Acres (4.15 ha) land at Kamand is as under:-  Case for diversion of forest land has been uploaded at Forest Department website on dated 07-03-2022. There were certain observations which have been addressed

Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
	<p>B. Acquisition of land for Research Science Park (Science and Technology Outreach Park).</p>						<p>and re-submitted on 28th June, 2023.</p> <p>All the necessary documents &amp; formalities has been completed by the user agency (ITI Mandi) and is being submitted for Part –II to Deputy Conservator of Forest Mandi.</p> <p>B. Latest status for 28 Acres (11.41 ha) land at Bhiuli, Mandi:-</p> <p>Case for diversion of forest land has been uploaded at Forest Department website on dated 07-03-2022. Recently, there was certain observations which will be attended by Principal ITI Mandi.</p> <p>All the necessary documents &amp; formalities has been completed by the user agency (ITI Mandi) and is being submitted for Part –II to Deputy</p>

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Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
33.3.7	Construction of Boundary of the Institute.	Approved in 33 <sup>rd</sup> BoG meeting held on 16 <sup>th</sup> Sept., 2021, amounting to Rs.7,54,79,771/- for 15800 meters (Item No.33.3.7)	31 <sup>st</sup> Mar., 2023 (Shri Manish Kapoor)	05 <sup>th</sup> Sept., 2023	98%	15 <sup>th</sup> Dec., 2023	Conservator of Forest Mandi. Only 1848 meter length of boundary is being constructed at critical locations, rest is under consideration. Work stands awarded to Sh. Manish Kapoor for an amount of Rs. 1,05,39,831/-. Work is delayed due to heavy rains and cloud burst during the months of Aug. – Sept. 2023.
33.3.8	Construction of Building for Construction Material Laboratory (GF/FF) in LP-3 area of North campus.	Approved in 33 <sup>rd</sup> BoG meeting held on 16 <sup>th</sup> Sept., 2021, amounting to Rs.2,49,18,760/- (based on tentative area of 339.29 sqm) (Item No.33.3.8)	Work yet to be awarded.	8 months after award of work	Work yet to be started	July, 2024	An expenditure of Rs.3,51,820/- has been incurred on Consultancy Service work which includes architectural drawings, design, structural drawings, MEP drawings etc.. As per the final building plan the area to be constructed is getting increased and is coming out to be 400.32 sqm. This will involve an additional expenditure of Rs. 56.06 lacs.

Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
34.3.1	Construction of hostel facilities consequent to implementation of reservation for economically weaker section (EWS).	Approved in 34 <sup>th</sup> BoG meeting held on 19 <sup>th</sup> March, 2022, amounting to Rs. 63.47 Cr. under HEFA loan term-III.  MoE sanctioned fund on 19.01.2023.	(CPWD)	----	----	----	Financial evaluation for the work has been completed and lowest bid is Rs. 2,77,50,181/-  Ministry has sanctioned the funds under HEFA term loan - III for an amount of Rs. 333.72 Cr. which included item No. 34.3.1 & 2.  The work has been allotted to CPWD and MOU has been signed (dated 4 July 2023) under HEFA term Loan-III (333.72 Cr) for creation of new assets. Preliminary drawings prepared by CPWD for the buildings has been approved by IIT Mandi  CPWD has initiated the work for preparation of detailed estimate for tendering and A/A & E/S from the IIT Mandi has been already issued.
Item No. 1 of Special Meeting of the Board held on 11.05.2022	Construction of hostel and academic facilities to accommodate future expansion of IIT Mandi.	Approved in Special meeting of BoG held on 11 <sup>th</sup> May, 2022, amounting to Rs. 230,82,77,539/- under HEFA loan term-III.	(CPWD)	----	----	----	
Item No. 2 of Special Meeting of the Board held on	Construction of Lecture hall complex (LHC) to cater future expansion of IIT Mandi.	Approved in Special meeting of BoG held on 11 <sup>th</sup> May, 2022 amounting to Rs. 39,42,13,241/-	(CPWD)	----	----	----	

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Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
11.05.2022		under HEFA loan term-III.					
36.3.4	Construction of road connecting north and south campuses of IIT Mandi.	Approved in 36 <sup>th</sup> BoG meeting amounting to Rs.30.82 Cr. (For road Rs.25.37 Cr. + for bridge Rs.5.45 Cr.) held on 26 <sup>th</sup> Oct., 2022	07 <sup>th</sup> March, 2023 M/s DCC Buildcon Private Limited	26 <sup>th</sup> March, 2024	25%	26 <sup>th</sup> March, 2024	i) The road work was awarded to M/s. DCC Buildcon Private Limited on 07 <sup>th</sup> March, 2023 for an amount of Rs.16,37,96,320 with completion period of 12 months and work is under progress.
			07 <sup>th</sup> March, 2023 M/s Maanbuilders Private limited	26 <sup>th</sup> March, 2024	25%	26 <sup>th</sup> March, 2024	ii) Bridge work was awarded to M/s Maanbuilders Private limited on 07 <sup>th</sup> March, 2023 for an amount of Rs.4,68,66,021 with completion period of 12 months and work is under progress.
36.3.5	Construction of undergraduate student hostel to accommodate future expansion.	Approved in 36 <sup>th</sup> BoG meeting held on 26 <sup>th</sup> October, 2022.	17 <sup>th</sup> Jul., 2023 M/s KDN Infrastructure Private Ltd.	11 <sup>th</sup> March, 2024	30%	11 <sup>th</sup> Mrch, 2024	Work stands awarded to M/s KDN Infrastructure Pvt. Ltd. for an amount of Rs. 13,87,32,998 dated 17 <sup>th</sup> Jul., 2023.

Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
38.2.2	To note other developments at the Institute.	amounting to Rs. 14.18 Cr.					
(x)	Matter of Arbitration between: M/s SPS Infrabuild Pvt. Ltd. Vs Union of India against agreement no. 02/EE/IIT MPD-1/2017-18.	Approved in 38 <sup>th</sup> BoG meeting held on 29 <sup>th</sup> July, 2023, amounting to Rs. 1,10,51,494 Cr.	11 <sup>th</sup> Jul., 2023	11 <sup>th</sup> Jul., 2023	Amount deposited to CPWD		The amount of arbitration award has been deposited with the CPWD. This item will be discontinued in next ATR of BoG.
(xi)	Matter of Arbitration between: M/s SPS Infrabuild Pvt. Ltd Vs Union of India against agreement no. 04/EE/IIT MPD-1/2017-18.	Approved in 38 <sup>th</sup> BoG meeting held on 29 <sup>th</sup> July, 2023, amounting to Rs. 2,87,72,182 Cr.	18 <sup>th</sup> Aug., 2023	18 <sup>th</sup> Aug., 2023	Amount deposited to CPWD		The amount of arbitration award has been deposited with the CPWD. This item will be discontinued in next ATR of BoG.
(xii)	Construction of Gabion wall in sliding zone near B9 hostel and Water channel toward valley side of B9 hostel at South Campus of IIT Mandi.	Approved in 38 <sup>th</sup> BoG meeting held on 29 <sup>th</sup> July, 2023, amounting to Rs. 2,53,69,330/-	25 <sup>th</sup> Oct., 2023	01 <sup>st</sup> Mar., 2024	10%	01 <sup>st</sup> Mar., 2024	The work has been awarded to M/s. K.D.N Infrastructure Pvt. Ltd. on 25 <sup>th</sup> Oct., 2023 for an amount of Rs. 2,39,62,867/- with completion period of 120 days and work is under progress.

Item No.	Name of work	Decision/ observation of Board	Date of Award	Date of Completion as per Agreement	Present Status	Likely date of Completion	Remarks
38.3.5	To consider the purchase of 6 nos. of Buses for IIT Mandi.	Approved in 38 <sup>th</sup> BoG meeting held on 29 <sup>th</sup> July, 2023.	-----	-----	-----	-----	Only three buses are being purchased & procurement is under process.
38.3.6	Proposal for the creation of Infrastructure i) 2 no. of Academic block ii) 150-3BHK & 150-2BHK Apartments iii) Student Activity Centre	Approved in 38 <sup>th</sup> BoG meeting held on 29 <sup>th</sup> July, 2023 amounting to Rs. 326 Cr. under HEFA term loan-IV.			Proposal has been sent to MoE for sanctioning of funds under HEFA vide letter no IIT Mandi/F&A/H EFA/TL-4/2023-24.		Sanction of fund is awaited.
38.3.10	To consider the proposal for Eco-conscious campus.	Approved in 38 <sup>th</sup> BoG Meeting amounting to Rs. 2,59,600/- held on 29 <sup>th</sup> July, 2023	Rs 2,59,600/- 80% Advance pay sent on Nov,7, 2023.	-----	-----	-----	International Institute of waste management has been contacted for environment & green audit and issuing green campus audit.

Annexure-3**To note Action Taken Report (ATR) on the minutes of previous meetings of the Board of Governors (BoG) for other matters.**

Item No.	Name of work	Decision/ observation of Board	Remarks
38.3.1	Presentation by the School of Civil & Environmental Engineering (SCENE).	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Communicated to the Chairperson – SCENE.
38.3.2	To consider the proposal for establishment a new Centre Human-Computer Interaction (HCI).	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Implemented.
38.3.3	To consider the proposal for the Establishment of the Centre for Quantum Science and Technologies.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Implemented.
38.3.4	To consider the reconstitution of the Building & Works and Committee (B&WC) of the Institute.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Implemented.
38.3.7	To consider the Memorandum of Understanding between the Central Public Works Department (CPWD) and the Indian Institute of Technology Mandi for Development of New assets of IIT Mandi at Kamand (HP).	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Communicated to Dean (I&S).
38.3.9	To consider the Institute level policy decisions through Institute Standing Committee (ISC) or Deans' Committee.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Implemented.
38.3.11	To consider the House Allotment rules.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Communicated to Chair, HAC and all employees of the Institute.
38.3.12	To consider the proposal of conferment of Professor (Honorary) at the Institute.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Communicated to Deputy Registrar (Faculty Establishment & Recruitment).

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Item No.	Name of work	Decision/ observation of Board	Remarks
38.3.13	To consider the proposal for offering position of Adjunct Professor & Professor of Practice for the IKSMDHA Centre.	38 <sup>th</sup> BoG Meeting held on 29.07.2023	Communicated to Deputy Registrar (Faculty Establishment & Recruitment).
38.3.14	<b>Additional agenda placed on the table with the permission of the Chairperson, if any.</b>		
(1)	To consider the fee structure for the BS and IMBA programme.	38 <sup>th</sup> BoG Meeting held on 29.07.2023.	Communicated to Dean (Academics) and Chair, SoM.
(2)	To consider the establishment of the Holistic (Ayurveda) Wellness Centre.	38 <sup>th</sup> BoG Meeting held on 29.07.2023.	Communicated to Dr. Varun Dutt, ASP, SCEE.
confidential			
39.2.1	To ratify the decisions / actions taken by the Chairperson, Board of Governors on the recommendations of the Director/designated Committee, on behalf of the Board of Governors.	Ratified in the 39 <sup>th</sup> BoG Meeting held on 11.10.2023	BoG noted and perused.
39.2.2	To note other developments at the Institute.	39 <sup>th</sup> BoG Meeting held on 11.10.2023	BoG noted and perused.
39.3.1	To consider the award of PhD, iPhD, MS (By research), M. Tech, M.Sc, M.A. & B. Tech degrees.	39 <sup>th</sup> BoG Meeting held on 11.10.2023	Communicated to Dean (Academics). Degrees were awarded during the 11 <sup>th</sup> Convocation of the Institute held on 16 <sup>th</sup> October, 2023.
39.3.2	To consider the award of medals & Prizes to the winner among the graduands, which are to be awarded during the 11 <sup>th</sup> convocation of the institute.	39 <sup>th</sup> BoG Meeting held on 11.10.2023	Communicated to Dean (Academics). Degrees were awarded during the 11 <sup>th</sup> Convocation of the Institute held on 16 <sup>th</sup> October, 2023.
39.3.3	To consider the Nomination of Prof. Venkata Krishnan, School of Chemical Sciences as a Coordinator with IKS Division of Ministry of Education (MoE).	39 <sup>th</sup> BoG Meeting held on 11.10.2023	Communicated to Dean (Faculty)

Minutes of the 34<sup>th</sup> Finance Committee Meeting

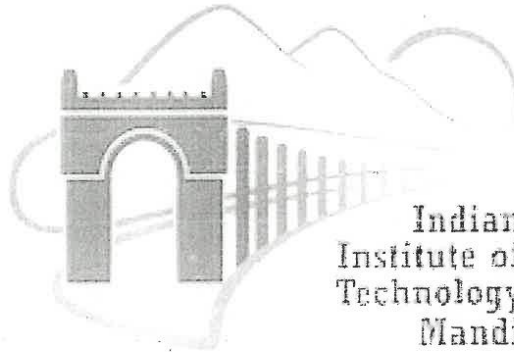
29<sup>th</sup> July, 2023

Annexure-4

वित्त समिति की चौतीसवी बैठक का कार्यवृत्त

**MINUTES OF THE 34<sup>th</sup> MEETING OF THE  
FINANCE COMMITTEE**

29<sup>th</sup> July, 2023



भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमांद - 175075, हिमाचल प्रदेश

Indian Institute of Technology Mandi  
Kamand - 175075, Himachal Pradesh

**INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND, HIMACHAL PRADESH**



**34<sup>th</sup> MEETING OF THE FINANCE COMMITTEE**

**Saturday, 29<sup>th</sup> JULY, 2023**

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Minutes of the 34<sup>th</sup> Finance Committee Meeting29<sup>th</sup> July, 2023

## INDIAN INSTITUTE OF TECHNOLOGY MANDI

**Minutes of 34<sup>th</sup> Meeting of the Finance Committee of IIT Mandi held on 29<sup>th</sup> July, 2023 from 10:00 AM in the Conference Room, C. V. Raman Guest House, IIT Mandi.**

The following were present:

- |    |   |                 |  |
|----|---|-----------------|--|
| 1) | Prof. Prem Vrat<br>Chairperson, BoG IIT Mandi                                     | Chairperson     |  |
| 2) | Prof. Laxmidhar Behera<br>Director, IIT Mandi                                     | Member          |  |
| 3) | Prof. B. K. Mishra<br>Dept. of Mechanical & Industrial Engineering<br>IIT Roorkee | Member          |  |
| 4) | Prof. B. V. Phani<br>Dept. of Industrial & Management Engineering<br>IIT Kanpur   | Member          |  |
| 5) | Dr. Viswanath Balakrishnan<br>Dean (F&A), IIT Mandi                               | Special Invitee |  |
| 6) | Dr. Deepak Swami<br>Dean (I & S) In-charge, IIT Mandi                             | Special Invitee | } For item no. 34.2,<br>34.3, 34.4, 34.5 &<br>34.6 |
| 7) | Prof. Manoj Thakur<br>Professor & Chair – School of Management<br>IIT Mandi       | Special Invitee |  |
| 8) | Prof. Satinder Sharma<br>Registrar i/c, IIT Mandi                                 | Secretary       |  |

Leave of absence has been granted to the following:

- |    |   |                 |
|----|---|-----------------|
| 1) | Shri Hemant Sood<br>Managing Director & Promoter<br>Findoc Financial Services Group, Ludhiana | Special Invitee |
|----|---|-----------------|

The Comments of members; 1.) Joint Secretary (Technical Education) and 2.) JS & FA, MoE have been received vide letter no.16-9/2018-TS.1 dated 25.07.2023 and 1-14/2017-IFD dated 28.07.2023 respectively, through email.

The Chairperson welcomed all present at the meeting including special invitees.

The Director also welcomed all present at the meeting including special invitees.

Minutes of the 34<sup>th</sup> Finance Committee Meeting29<sup>th</sup> July, 2023

At the outset, the Committee noted the comments received on behalf of the Joint Secretary (Technical Education) and JS & FA, MoE on the agenda items of meeting of the Finance Committee.

Thereafter, the agenda item was taken up as follows:

**Item No. 34.1: To confirm minutes of 33<sup>rd</sup> meeting of the Finance Committee held on 10/02/2023.**

It was noted that the minutes have been circulated and no comments have been received. Therefore, minutes of the 33<sup>rd</sup> Finance Committee meeting held on 10/02/2023 were confirmed as circulated.

**Item No. 34.2: Action Taken Report (ATR) on the minutes of previous meetings of the Finance Committee.**

Dr. Deepak Swami, Dean (Infrastructure & Services) In-charge gave a presentation on the ongoing works along with likely date of completion.

The FC advised that all the construction-related agreements should have an upper limit on cost escalation and should include stringent penalty clause.

With these suggestions, the FC noted the ATR.

**Item No. 34.3: To report/intimate the developments at the Institute.**

The Finance Committee (FC) noted the developments at the Institute and advised that the arbitration cases needed to be defended well and the agencies going to arbitration should be discouraged to participate in the future bids for the Institute works. Possibilities may also be explored to bear the arbitration cost by the CPWD instead of charging it to IIT Mandi.

The FC noted item no. 34.3 (v) regarding the change in the source of funds for construction of the undergraduate hostel from Institute Internal Resources instead of OH-35, as recommended by the Building and Works Committee (B&WC).

Regarding the implementation of the Vidya Lakshmi scheme, the FC recommended the payment of Rs. 1.4 crore from IRG, however FC recommended that MoE should consider the payment in this scheme from OH-31.

**Item No. 34.4: To consider the proposal for creation of 50 Nos. faculty housing apartments to cater future expansion of IIT Mandi/HEFA proposal.**

Minutes of the 34<sup>th</sup> Finance Committee Meeting29<sup>th</sup> July, 2023

B&WC in its 39<sup>th</sup> meeting held on dated 22-06-2023 has approved the proposal to build 50- 3 BHK apartments from IRG. However, based on the recent communication from MOE as well as the comment of MOE on this agenda, B&WC meeting was held on 28-07-2023 to consider a bigger infrastructure development plan under 90:10. B&WC approved the proposed HEFA loan of **Rs. 326 Crores** to construct 150 nos. 3BHK, 150 nos. 2 BHK apartments, 2 academic buildings, and a student activity centre that includes indoor sports facilities. Dean Infra presented the B&WC approved proposal to FC.

FC recommended the proposal to BoG for approval.

**Item No. 34.5: To consider the Memorandum of Understanding between the Central Public Works Department (CPWD) and the Indian Institute of Technology Mandi for Development of New assets of IIT Mandi at Kamand (HP).**

Dean (I&S) In-charge briefed the Finance Committee about the item.

After deliberations, the FC advised that in addition to this general memorandum of understanding (MoU) which has been signed, a separate memorandum of agreement (MoA) should be signed project-wise with stringent penalty clauses.

With these observations, the FC recommended the proposal to the BoG for consideration.

**Item No. 34.6: To consider the purchase of 6 nos. of Buses for IIT Mandi.**

Dean (I&S) In-charge briefed the Finance Committee about the proposal for the purchase of 6 nos. of Buses for IIT Mandi.

The FC deliberated on the proposal and advised having an optimal fleet mix of medium (30-35 seats) and smaller (11-25 seats) capacity buses.

Further, the FC advised that the cost-benefit ratio is quite simplified and the component of depreciation, inflation etc. has not been considered. The Institute may conduct the proper life cycle analysis for the buses at its own level.

With these observations, the FC recommended the purchase of buses to the Board for consideration.

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Minutes of the 34<sup>th</sup> Finance Committee Meeting29<sup>th</sup> July, 2023**Item No. 34.7: To report status of filling up of backlog vacancies in teaching cadre.**

The Registrar I/c briefed the Finance Committee (FC) about the status of filling up of backlog vacancies in teaching cadre. The FC advised that the details on educational qualifications, institutions and experience details may also be mentioned in the report.

With these suggestions, the Finance Committee noted the development and the report.

**Item No. 34.8: Additional agenda with the permission of the Chair, if any.****A) To consider the fee structure for BS and iMBA programmes.**

Prof. Manoj Thakur, Professor and Chair – School of Management briefed the Finance Committee (FC) about the fee structure for the BS and iMBA programmes.

The FC noted that the admission to BS programme is being done through the JoSAA and the fee structure is at par with the B.Tech programme of the Institute.

Also, the FC noted the fee structure for the new iMBA programme and recommended it to the Board for consideration.

The meeting concluded with a vote of thanks to the Chair.



Prof. Laxmidhar Behera  
Director, IIT Mandi



Prof. Satinder K. Sharma  
Registrar I/c & Secretary, FC

Chairperson, Finance Committee

Minutes of the 34<sup>th</sup> Finance Committee Meeting

29<sup>th</sup> July 2023

**Item No. 34.7: To report status of filling up of backlog vacancies in teaching cadre.**

The Registrar *lc* briefed the Finance Committee (FC) about the status of filling up of backlog vacancies in teaching cadre. The FC advised that the details on educational qualifications, institutions and experience details may also be mentioned in the report.

With these suggestions, the Finance Committee noted the development and the report.

**Item No. 34.8: Additional agenda with the permission of the Chair, if any.**

**A) To consider the fee structure for BS and IMBA programmes.**

Prof. Manoj Thakur, Professor and Chair – School of Management briefed the Finance Committee (FC) about the fee structure for the BS and IMBA programmes.

The FC noted that the admission to BS programme is being done through the JoSAA and the fee structure is at par with the B.Tech programme of the institute.

Also, the FC noted the fee structure for the new IMBA programme and recommended it to the Board for consideration.

The meeting concluded with a vote of thanks to the Chair.

*Usherg, 29/7/23*  
Prof. Jayashree Behara  
Director, IIT Mandi

*Satinder*  
29-7-2023  
Prof. Satinder K. Sharma  
Registrar *lc* & Secretary, FC

*Approved for Circulation to FC members for comments of chair*  
*Chairperson*  
Chairperson, Finance Committee  
*21-07-2023*



Annexure-5

भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्द-175075 (हिमाचल प्रदेश)

**INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND – 175075 (HIMACHAL PRADESH)**



**MINUTES OF 40<sup>th</sup> BUILDING & WORKS  
COMMITTEE EXTENSION MEETING  
HELD ON THURSDAY 02<sup>nd</sup> NOVEMBER, 2023**

**INDIAN INSTITUTE OF TECHNOLOGY MANDI  
KAMAND (HIMACHAL PRADESH)**

**MINUTES OF 40<sup>th</sup> BUILDING & WORKS COMMITTEE EXTENSION MEETING  
HELD ON THURSDAY 02<sup>nd</sup> NOVEMBER, 2023  
AT A-9, DIRECTOR OFFICE  
CONFERENCE ROOM, NORTH CAMPUS**

**INDEX**

Item No.	Particulars
40.1	Finalization of Rate of GST for the works of executed by NBCC.
40.2	Additional agenda with the permission of the chair:- i) Recovery of interest on Mobilization advance from CPWD.

## INDIAN INSTITUTE OF TECHNOLOGY MANDI

**Minutes Of 40th Building & Works Committee Extension Meeting of IIT Mandi, held on 02<sup>nd</sup> November, 2023 at A-9 Director Office, conference room, north campus.**

The following were present:

- |    |   |   |   |
|----|---|---|---|
| 1) | Prof. Laxmidhar Behera<br>Director, Indian Institute of Technology<br>Mandi   | - | Chairman                                      |
| 2) | Prof. Rajeev Kumar<br>Professor and Dean (I & S)<br>Indian Institute of Technology Mandi                                | - | Member  |
| 3) | Er. Shambhu Nath Rai<br>Additional Director General, CPWD   | - | Member (Attended through<br>Video Conference) |
| 4) | Prof. Samit Ray Chaudhari<br>Professor and Dean<br>(Infrastructure & Planning)<br>Indian Institute of Technology Kanpur | - | Member (Attended through<br>Video Conference) |
| 5) | Dr. Rajnish Sharma<br>Associate Professor & Coordinator<br>IP&DC<br>Indian Institute of Technology Mandi                | - | Member  |
| 6) | Er. Vijay Kumar Sharma<br>Superintending Engineer<br>Indian Institute of Technology Mandi                               | - | Member Secretary                              |

### Special Invitee

- |    |  |  |  |
|----|--|--|--|
| 1) | Dr. Viswanath Balakrishnan<br>Associate Professor and Dean (F & A)<br>Indian Institute of Technology Mandi |  |  |
| 2) | Dr. Deepak Swami,<br>Associate Professor & Associate Dean (I&S)<br>Indian Institute of Technology Mandi    |  |  |
| 3) | Sh. Parminder Jit,<br>Deputy Registrar (A&L)<br>Indian Institute of Technology Mandi                       |  |  |

The Chairman welcomed all the members and thanked them for making themselves available for 40th Building & Works Committee Extension Meeting of IIT Mandi.

The following agenda items were taken up in the meeting:

**Item No. 40.1: Finalization of Rate of GST for the works executed by NBCC.**

This matter was discussed in the 40<sup>th</sup> B&WC meeting held on 6<sup>th</sup> Sept, 2023. One of the members suggested that rate of GST for all the work contracts carried out by PSUs shall remain 18% and the same was recorded in the minutes. However, on perusal it was found that no such notification has been issued by Finance Ministry of the GOI and the matter was again placed in the extension of 40<sup>th</sup> B&WC meeting.

During discussion, B&WC members agreed with the opinion of the institute's Chartered Accountant that though the GST rate is 12% between 21-09-2017 to 31-12-2021 but as the NBCC contractors have already submitted GST @ 18% to the GST department and the time period for the revision of the GST return has already lapsed, the GST returns cannot be revised now. Therefore, the reimbursement of GST to NBCC may be done @18% on work done as claimed by NBCC. However, NBCC should furnish a NOC stating that, contractor has not claimed any reimbursement of the excess GST paid to the Government.

Further, committee has decided that, the agency charges of NBCC will be paid on base value excluding GST. GST on agency charges will be paid as per rate applicable.

B&WC further recommends to FC and BoG for approval.

**Item No. 40.2: Additional agenda with the permission of the chair.****i) Recovery of interest on Mobilization advance from CPWD.**

A memorandum of understanding (MOU) was signed between Indian Institute of Technology Mandi (IIT Mandi) and Central Public Works Department (CPWD) Madhopur, Central division, Distt. Gurdaspur on 25th August 2011. As per MOU the IIT Mandi, vide administrative approval vide no. 8084-91 dated 23-11-2012 allotted the work to CPWD for Rs. 270.83 Cr. CPWD allotted the work to three contractors i.e. M/s

Supreme Infrastructure India Ltd. for estimated cost of Rs. 188.82 Cr., M/s Chirajji Lal Gupta & Sons Pvt. Ltd for Rs. 20.65 Cr. and M/s Ahluwalia Contractor (I) ltd. for Rs. 39.16 Cr.

Sr. No.	Name of Contractor	Agreement No.	Mobilization advance given	Interest on mobilization advance recovered
1	M/s Chirajji Lal	01/EE/IITMPD-II/2013-14	11,97,22,000	2,71,63,681
2	M/s Ahluwalia	02/EE/MPD-I/2014-15	90,90,900	11,89,779
3	M/s Supreme Infrastructure	01/EE/IITPD MANDI/2012-13	3,67,33,000	27,04,185
<b>Total</b>			16,55,45,900	3,10,57,645

As per the annual audit of IIT Mandi conducted by O/o Director General of Audit (Central) Chandigarh during Oct. 2021 para for Non-recovery of interest on mobilization advance has been raised. Referring to the same SE, CPWD vide no. 2959 dated 11-11-2021 in reference to the discussion held on 11-11-2021 at IIT Mandi campus, reiterated that interest on mobilization advance has been credited to revenue head of Govt. of India due to inadvertent error instead of crediting to the project account of IIT Mandi.

The matter to recoup the interest on mobilization advance has been perusing from CPWD since Nov 2021 vide following correspondence detailed

1. The Director, IIT Mandi vide D.O. dated 06-01-2022 addressed to Director General, CPWD, New Delhi.
2. SE, IIT Mandi E-mail addressed to E.E, CPWD vide e-mail dated 03-11-2021.
3. SE, IIT Mandi E-mail addressed to E.E, CPWD vide e-mail dated 09-11-2021.
4. SE, IIT Mandi letter addressed to E.E, CPWD vide letter dated 12-11-2021.
5. SE, IIT Mandi letter addressed to E.E, CPWD vide letter dated 06-12-2021.
6. SE, IIT Mandi letter addressed to E.E, CPWD vide letter dated 28-04-2022.
7. SE, IIT Mandi letter addressed to E.E, CPWD vide letter dated 07-09-2022.
8. SE, IIT Mandi letter addressed to E.E, CPWD vide letter dated 26-07-2023


As the recovery of interest on mobilization advance is pending since long time therefore, the matter has been placed before the committee. The Committee deliberated that CPWD should credit interest to IIT Mandi at the earliest.

B&WC further recommends to FC and BoG for reporting.

The meeting ended with a vote of thanks to the Chair.

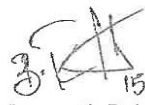
  
Superintending Engineer  
Member Secretary

*email approval attached*  
Coordinator, Institute  
Planning & Design Cell, IIT  
Mandi, Member

  
14/11/2023  
Dean (I&S), IIT Mandi  
Member, (Ex-officio)


*email approval attached*  
Er. Shambhu Nath Rai  
Member  
(Attended through  
Video Conference)

*email approval attached*  
Prof. Samit Ray Chaudhari  
Member  
(Attended through  
Video Conference)

  
15/11/23  
Dr. Viswanath Balakrishnan  
Associate Professor  
& Dean (F & A), IIT Mandi  
Special Invitee

*email approval attached*  
Dr. Deepak Swami  
Associate Professor &  
Associate Dean (I&S), IIT Mandi  
Special Invitee

  
15/11/2023  
Sh. Parminder Jit,  
Deputy Registrar (A&L)  
IIT Mandi  
Special Invitee

  
15/11/23  
Director, IIT Mandi  
Chairman, B&WC

Annexure - 6.

<b>Table 1: Cost estimate for damages to existing structures (Refer to Annexure-6)</b>			
<b>Sl. No.</b>	<b>Detail of damages</b>	<b>Total amount of damage (in Lakhs)</b>	<b>Remarks</b>
<b>A</b>	<b>South Campus</b>		Figure 1 to 13 are given in
1	Rising main of (150 mm dia) of Water Treatment Plant (WTP) has been washed along with provided support at Kataula Khad.	50.00	Fig.1A & 1B
2	Damage to the retaining wall and plinth protection area of pump house (phase 1 of WTP) located at Kamand near bridge.	15.00	Fig. 2A & 2B
3	Sliding of compound wall and stainless steel railing at backside of C-9 building.	10.00	Fig.3
4	Damage to G.I Chain link fencing in front of B-8 & B-9 hostel blocks.	5.00	
5	Damage to HT line from South Campus to Gharpa.	32.00	Fig.4
6	Damage to Chain link fencing and earthing of sub-station at LP-6.	10.00	Fig.5A & 5B
7	Damage to plinth protection area and rain water drain near B9 hostel of South Campus.	10.00	Fig.6
8	Settlement of RCC road constructed for Gharpa Campus due to sliding condition at PWD road passing along Gharpa Campus.	10.00	Fig.7
<b>B</b>	<b>North Campus</b>		
1	Damage to G.I. Chain link fencing in Hockey ground at North Campus	20.00	
2	Damage to approach road at TIH block, bridge & backside of auditorium block at North Campus of IIT Mandi	100.00	Fig.8A,8B & 8C
3	Damage to drainage system at backside of A9 block, ESS-4 & other locations of North Campus of IIT Mandi	50.00	Fig.9A, 9B & 9C
4	Damage to horticulture shed & chain linked fencing due to landslide at LP-1 area at North Campus	10.00	Fig.10
5	Damage to ropeway structure at LP-01 area North Campus of IIT Mandi	8.00	
6	Damage to water supply line to LP-01 area North Campus of IIT Mandi	10.00	
	<b>Total</b>	<b>340.00</b>	

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<b>Table 2: Cost estimate for remedial measures (Refer to Annexure-7)</b>			
<b>Sl. No.</b>	<b>Detail of damages</b>	<b>Total amount required for rectification (in Lakhs)</b>	<b>Remarks</b>
<b>A</b>	<b>South Campus</b>		
1	Channelization of kacha nalla from D1 mess to B1 Hostel, South Campus of IIT Mandi.	22.66	Table-3
2	Construction of water Drains in various locations of South Campus at IIT Mandi.	140.07	Table-4
3	Construction of Gabion wall at Various locations of South Campus at IIT Mandi	1821.84 Total of (Sr. No.2.1 to 2.6)	Estimates are prepared based DSR 2021. Detailed estimate of Rs. 1822.00 lakhs is attached as (Table-5)
3.1	Const. of Gabion Wall below A1, A6 and Mechanical Workshop.		
3.2	Const. of Gabion Wall below STP to Nallah		
3.3	Const. of Gabion wall along with nallah		
3.4	Const. of Gabion wall below Nallah to C6 Building		
3.5	Const. of Gabion wall below C6 to C9 Building		
3.6	Const. of Gabion wall below B9 building and UG Hostel (Under Construction)		
4	Protection work along Neri Navlaya road for undergraduate hostel block and protection work for hostel block along Uhl river.	123.98	Protection work is required for safeguarding the under construction UG hostel from possible slides. (Table-6)
<b>B</b>	<b>North Campus</b>		
1	Construction of RCC Retaining wall at backside of Academic, Administrative blocks from A-09 to A-18 blocks at North Campus of IIT Mandi.	1130.30	Protection work & storm water drain are required for safeguarding the land slide toward hill side and preventing entry of mud and water inside the existing administrative buildings. (Table-7)
2	Construction of Gabion wall at along with Faculty housing area, behind auditorium building towards Kataula (Dhulki) river & LP-01 area at North Campus of IIT Mandi..	1428.40	Protection work & storm water drain are required for safeguarding the existing faculty housing block from possible slides. (Table- 8 & Table -9)
3	Construction of RCC water channel drain of Size-1000mmx1000mm at backside of Academic, Administrative blocks from A-18, A-09 upto Kataula khad at North Campus of IIT Mandi.	147.49	Table- 10



4	Construction of RCC water channel drain of size-600mmx600mm for internal campus drain at North Campus of IIT Mandi.	108.83	Table- 11
5	Installation of 11kVA HT line from RSS to ESS-2 & ESS-4 at North Campus of IIT Mandi	93.93	Table- 12
6	Construction of protective compound wall around different land parcels of IIT Mandi.	553.08	
	<b>Total (In Lakhs)</b>	<b>5570.58</b>	<b>I</b>
	Add difference between Cost Indices of DSR-21 (CI-105) and Mandi (CI-120) on DSR-21 as approved by ADG, CPWD vide letter no. 3401-Him on dated 16-12-2022 = $(55,70,58,608) \times 100 (120-105)/105$	796.04	II
	Add difference in GST 18% instead of 12% as per DSR-21 by multiplying factor of 0.0633 on DSR-21 items only.	352.62	III
	<b>Grand total (In Rs.)</b>	<b>6719.24</b>	<b>(I+II+III)</b>

**Annexure-6**

**Photographs Narrating Devastation of Campus Premises.**

Damage to rising main of (150 mm dia) of Water Treatment Plant (WTP) at Kataula Khad.



**Fig.1A**



**Fig.1B**

**Fig.1A:** Due to heavy rainfall, significant damage to the connectivity road from the main road to rising main crossing. The continuous rain has led to soil erosion/landslide of the approach road.

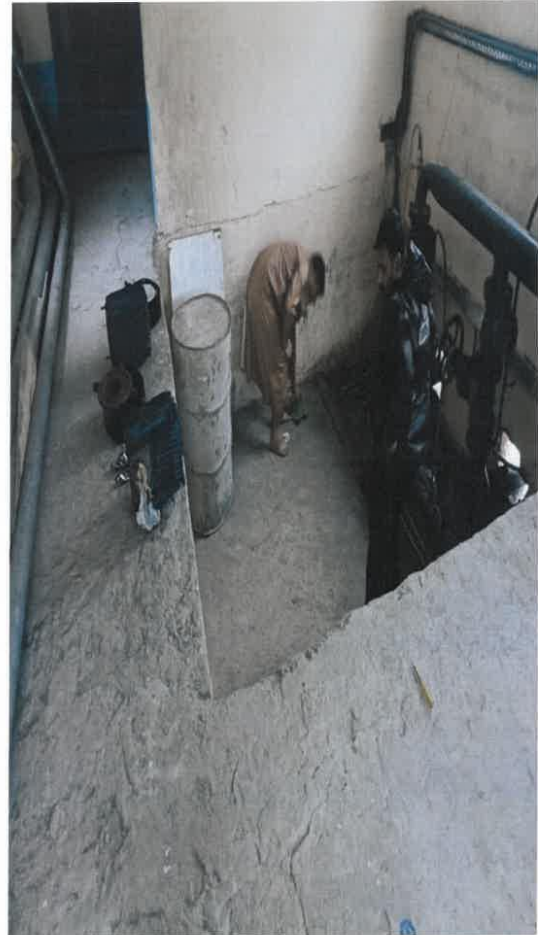
**Fig.1B:** Due to heavy rainfall, significant damage to the rising main water supply pipeline (150mm dia) has arisen. The continuous rain has led to soil erosion, potential misalignment, leaks and rupture of the pipeline.

Damage to the retaining wall and plinth protection area of pump house (phase 1 of WTP) located at Kamand near bridge.



**Fig.2A**

**Fig. 2A:** Due to heavy rainfall, significant damage to WTP stage-1 and the rising main water supply pipeline has arisen. The continuous rain has led to soil erosion, which impacted the structural integrity of the retaining wall and plinth protection area of pump house.



**Fig.2B**

**Fig. 2B:** Due to heavy rainfall, the rain water is entering inside the pump house which results in damage of the pumps installed in the pump house.



Sliding of compound wall and stainless steel railing at backside of C-9 building.



**Fig.3**

**Fig.3: Due to heavy rainfall, the soil erosion happened behind the C-9 building, which impacted the structural integrity of the C-9 building.**

Damage to HT line from South Campus to Gharpa



**Fig.4**

**Fig.4: Due to cloud burst and flash flood in the Katuala Khad resulted in soil erosion and demolishing of poles of 11kV HT line from South Campus to Gharpa and cable is also washed away in heavy flooding.**



Damage to Chain link fencing and earthing of sub-station at LP-6.



**Fig.5A**

**Fig.5A: Due to heavy rains, resulting in soil erosion, which impacted structural integrity of transformer and damage to the outdoor sub-station yard.**



**Fig.5B**

**Fig.5B: Due to heavy rains, resulting in soil erosion, which damage the outdoor sub-station yard.**

Damage to plinth protection area and rain water drain near B9 hostel of South Campus.



**Fig.6**

**Fig.6: Due to heavy rainfall, the soil erosion happened in front of B-8 building, which damage the structural integrity of the drain & fencing panel.**



Settlement of RCC road constructed for Gharpa Campus due to sliding condition at PWD road passing along Gharpa Campus.



**Fig.7**

**Fig.7: Due to heavy rainfall, the soil erosion happened in side of the C42 building at Gharpa, There is an indication of increased risk of the landslide in the vicinity of the building, which poses direct threat to the structural integrity of the building. Further creating landslide problem on Mandi to Kullu road.**



Damage to approach road at TIH block, bridge & backside of auditorium block at North Campus of IIT Mandi



**Fig.8 A**



**Fig.8B**



**Fig.8C**

**Fig.8A/8B:** Due to continuous settlement and erosion of the soil, road connectivity between main road (Mandi to kullu) to the North campus may be hampered in future.)

**Fig.8C:** Due to heavy rainfall, the soil erosion happened in approach road to the North Campus which creates further blockage of the road due to the landslide.

Damage to drainage system at backside of A9 block, ESS-4 & other locations of North Campus of IIT Mandi



**Fig.9A**



**Fig.9B**



**Fig.9C**

**Fig.9A/9B:** Due to the damage of drainage system, the rainwater overflows over the drain, which creates problems to the Academic blocks from A-9 building to A-18 building.

**Fig.9C:** Due to the erosion of soil/landslide at Arnehad road behind A-14 building, the mud comes over the Arnehad road and to the backside of the A-14 building which creates problems to the existing A-14 building.



Damage to horticulture shed & chain linked fencing due to landslide at LP-1 area at North Campus



**Fig.10**

**Fig.10: Due to the cloud burst and flash flood in Kataula khad during the rainy season, erosion/landslide of the soil take place which creates dangerous condition to the stability of existing horticulture shed and chain linked fencing at LP-01 area of North Campus.**

Settlement of backside area of C6, C7, C8 & C9 due to occurrence of sliding conditions created because of heavy rains.



**Fig.11a**



**Fig.11b**

**Fig.11a/11b: Due to the continuous erosion/landslide during the rainy season behind the C-08, C-09, B-08 & B-09 building. There is an indication of increased risk of the landslide in the vicinity of the building, which poses direct threat to the structural integrity of the building.**



Settlement towards hillside of academic blocks A9, A11, A13 , A14 & A17 due to occurrence of sliding conditions created because of heavy rains.



**Fig.12a**



**Fig.12b**



**Fig.12c**

**Fig.12a:** Due to the continuous erosion/landslide of the soil during the rainy season behind the check post of IIT Mandi at Arnehad road creates dangerous condition to the stability of existing check post of IIT Mandi.

**Fig.12b:** Due to the continuous erosion/landslide of the soil during the rainy season behind A-17 building, the mud comes over the Arnehad road and to the backside of the A-17 building which creates problems to the existing A-17 building.

**Fig.12c:** Due to the continuous erosion/landslide of the soil during the rainy season behind A-16 building, the mud comes over the Arnehad road and to the backside of the A-16 building which creates problems to the existing A-16 building.

Settlement at backside of faculty housing blocks towards riverside due to occurrence of sliding conditions created because of heavy rains.



**Fig.13a**



**Fig.13b**




**Fig.13c**

**Fig.13a/13b/13C:** Due to the continuous erosion/landslide by the Katula khad during the rainy season behind the C-19,C-20 & S-11 building. There is an indication of increased risk of the landslide in the vicinity of the building, which poses direct threat to the structural integrity of the building.

Annexure-7

Table-3						
Name of Work - Channelization of kacha nalla from D1 mess to B1 Hostel, South Campus of IIT Mandi.						
Detailed Estimate						
S. No.	Description	Quantity	Unit	Rate	Amount	Item Code as per DSR 2021
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:					
1.1	All kinds of soil	240.00	sqm	107.00	25680.00	2.1.1
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge.					
2.1	All kinds of soil	132.00	cum	205.45	27119.40	2.6.1
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
3.1	1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded. stone aggregate 40 mm nominal size derived from natural sources)	200.40	cum	6670.25	1336718.10	4.1.6
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
4.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	12.60	cum	6326.05	79708.23	4.1.8
5	Centering and shuttering including strutting, propping etc. and removal of form work for :					
5.1	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string	491.60	sqm	669.55	329150.78	4.3.2

	courses kerbs and steps etc.	fillets,					
6	Dry stone pitching 22.5 cm thick including supply of stones and preparing surface complete.	240.00	sqm	821.95	197268.00	16.11	
7	Providing and laying hard stone filing/soling including carriage of material with in all lead & lift as per entire satisfaction and direction of Engineer - in - charge.	118.00	cum	1826.31	215504.58	A/R	
8	Providing and fixing 110mm dia Unplasticized rigid PVC pipe of required size for weep holes in plum concrete walls including cutting, placing and fixing in required slope all complete as per entire satisfaction and direction of Engineer -in-charge including carriage of material within all lead and lift.	150.00	metres	217.89	32683.50	A/R	
<b>Total</b>					<b>22,43,832.59</b>		
<b>Add contingency @1%</b>					<b>22,438.33</b>		
<b>Total</b>					<b>22,66,271.00</b>		


  
Assistant Engineer (Civil)  
IIT Mandi

  
Superintending Engineer  
IIT Mandi



Table-4						
Detailed Estimate						
Name of Work:- Construction of water Drains in various locations of South Campus at IIT Mandi.						
S. No.	Item Description	Qty	Unit	RATE	AMOUNT	Item Code
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
1.1	All kinds of soil	248.00	cum	205.45	50951.60	2.6.1
2	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
2.1	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	180.00	Cum	6833.40	1230012.00	4.1.5
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
3.1	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	68.00	cum	8364.20	568765.60	5.1.2
4	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
4.1	Foundations, footings, bases of columns, etc for mass concrete	900.00	Sqm	307.95	277155.00	5.9.1
5	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
5.1	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc	4050.00	Sqm	669.55	2711677.50	5.9.2
6	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
6.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	4725.00	kg	89.65	423596.25	5.22.6

7	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
7.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	22.50	cum	2007.10	45159.75	15.2.1
7	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :					
7.1	1200 mm dia. R.C.C. pipe	50.00	metre	6334.40	316720.00	19.6.13
8	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					
8.1	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	56760.00	kg	142.30	8076948.00	10.25.2
9	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
9.1	Two or more coats on new work	1275.00	sqm	131.45	167598.75	13.61.1
	Total				13868584.00	
	Add Contingency @1%				138686.00	
	<b>Grand Total</b>				<b>14007270.00</b>	

  
Assistant Engineer (Civil)  
IIT Mandi



  
Superintending Engineer  
IIT Mandi

Table-5						
Detailed Estimate						
Name of Work:- Construction of Gabion wall at Various locations of South Campus at IIT Mandi.						
SH 1: Const. of Gabion Wall below A1, A6 and Mechanical Workshop.						
SH 2: Const. of Gabion Wall below STP to Nallah.						
SH 3: Const. of Gabion wall along with nallah.						
SH 4: Const. of Gabion wall below Nallah to C6 Building.						
SH 5: Const. of Gabion wall below C6 to C9 Building.						
SH 6: Const. of Gabion wall below B9 building and UG Hostel (Under Construction).						
S. No.	Item Description	Qty	Unit	RATE	AMOUNT	Item Code
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
1.1	All kinds of soil	337.50	cum	205.45	69339.38	2.6.1
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	382.50	Cum	368.65	141008.63	2.25(a)
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
3.1	1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	13.50	Cum	6833.40	92250.90	4.1.5
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
4.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	112.50	cum	7783.65	875660.63	4.1.2
5	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					

5.1	Foundations, footings, bases of columns, etc for mass concrete	3.00	Sqm	307.95	923.85	5.9.1
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
61	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	51.00	Sqm	669.55	34147.05	5.9.2
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
7.1	Thermo-Mechanically Treated bars of grade Fe-500D or more	472.00	kg	89.65	42314.80	5.22.6
8	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12(D=100 mm with tolerance of $\pm 2\%$ ) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	328.13	Cum	3727.70	1223170.20	16.94
9	Supplying and laying high strength flexible geogrids (HSPG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with Minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain					
9.1	Ultimate tensile strength- 800 kN/m	180.00	Sqm	1094.95	197091.00	26.18.11

10	Providing and fixing 110mm dia Unplasticized rigid PVC pipe of required size for weep holes in plum concrete walls including cutting, placing and fixing in required slope all complete as per entire satisfaction and direction of Engineer -in-charge including carriage of material within all lead and lift.	75.00	RMt	217.89	16341.75	A/R
Total					2692248.00	
Add Contingency @1%					26922.00	
Grand Total for (10m)					2719170.00	
Grand Total for (1m)					271917.00	
Grand Total for (670m)					182184390.00	

  
Assistant Engineer (Civil)  
IIT Mandi


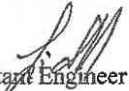
  
Superintending Engineer  
IIT Mandi

Table-6						
Detailed Estimate						
Name of work:- Protection work along Neri Navlaya road for undergraduate hostel block and protection work for hostel block along Uhl river.						
Sr. No.	Description	Qty	Unit	Rate	Amount	Item code as per DSR-2021
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m					
1.1	All kinds of soil	541.50	cum	286.85	155329.28	2.8.1
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
2.1	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	49.35	cum	6050.65	298599.58	4.1.10
3	Centering and shuttering including strutting, propping etc. and removal of form for					
3.1	Foundations, footings, bases of columns, etc. for mass concrete	216.76	sqm	307.95	66751.24	5.9.1
4	Centering and shuttering including strutting, propping etc. and removal of form for					
4.1	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	1896.72	sqm	669.55	1269948.88	5.9.2
5	Providing and laying in position plum concrete with hard stone boulders in retaining walls etc up to all height and all level, in required size and shape etc; with cement concrete of mix 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) using 15% hard stone plums/boulders of size 150 mm to 300 mm, excluding cost of centring and shuttering, all complete as per the direction of Engineer-in-Charge.	1575.30	cum	5940.46	9358006.64	A/R

6	Supplying & back filling with well graded stone boulders of size 150 mm to 300 mm behind retaining wall complete as per the directions of the Engineer-in-charge. (Note :- 30% deductions in measurements shall be made for voids).	574.20	cum	1486.09	853312.88	A/R
7	Providing and fixing 110mm dia Unplasticized rigid PVC pipe of required size for weep holes in plum concrete walls including cutting, placing and fixing in required slope all complete as per entire satisfaction and direction of Engineer-in-charge including carriage of material within all lead and lift.	1342.50	mtrs	203.26	272876.55	A/R
<b>Total</b>					<b>12274825.00</b>	
Add contingency @ 1%					122748.00	
<b>Grand Total</b>					<b>12397573.00</b>	

  
Assistant Engineer (Civil)  
IIT Mandi



  
Superintending Engineer  
IIT Mandi

Table-7						
Detailed Estimate						
Name of work: - Construction of RCC Retaining wall at backside of Academic, Administrative blocks from A-09 to A-18 blocks at North Campus of IIT Mandi.						
Sr. No.	Description of items	Qty.	Unit	Rate (In Rs)	Amount (In Rs)	Item Rate as per DSR 2021
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
1.1	All kinds of soil	20859.00	cum	205.45	4285481.55	2.6.1
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
2.1	Hard rock (blasting prohibited)	8940.00	cum	1184.30	10587642.00	2.7.3
3	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	14718.50	cum	368.65	5425975.03	2.25(a)
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
4.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	427.00	cum	7365.15	3144919.05	4.1.3
5	Centering and shuttering including strutting, propping etc. and removal of form work for :					
5.1	Foundations, footings, bases for columns	163.00	sqm	307.95	50195.85	4.3.1



6	Centering and shuttering including strutting, propping etc. and removal of form for					
6.1	Foundations, footings, bases of columns, etc. for mass concrete	1855.00	sqm	307.95	571247.25	5.9.1
7	Centering and shuttering including strutting, propping etc. and removal of form for					
7.1	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	13804.00	sqm	669.55	9242468.20	5.9.2
8	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all level.					
8.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	409176.00	kg	89.65	36682628.40	5.22.6
9	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability, without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.					
9.1	All works upto plinth level					
9.1.1	Concrete of M30 grade with minimum cement content of 350 kg /cum	2392.50	cum	8825.35	21114649.88	5.33.1.2

10	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.					
10.1	All works above plinth level upto floor V level					
10.1.1	Concrete of M30 grade with minimum cement content of 350 kg /cum	1957.00	cum	10477.8	20504956.75	5.33.2.2
11	Add for using extra cement in the items of design mix over and above the specified cement content therein.	1522.00	Quintal	688.45	1047820.90	
12	Providing and fixing on wall face 110 mm diameter unplasticised Rigid PVC pipes conforming to IS : 13592 Type A, for weep hole in retaining wall and toe wall etc. as per entire satisfaction and direction of Engineer -in-charge.	1470.00	mtr.	253.00	371910.00	M/R
Total					113029894.86	
Say					113029895.00	

  
Assistant Engineer (Civil)  
IIT Mandi

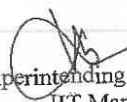

  
Superintending Engineer  
IIT Mandi

Table-8						
Detailed Estimate						
Name of Work:- Construction of Gabion wall at along with Faculty housing area, behind auditorium building towards Kataula (Dhulki) river at North Campus of IIT Mandi.						
S. No.	Item Description	Qty	Unit	RATE	AMOUNT	Item Code
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
1.1	All kinds of soil	12600.00	cum	205.45	2588670.00	2.6.1
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	4500.00	Cum	368.65	1658925.00	2.25(a)
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
3.1	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 20 mm nominal size)	13.50	Cum	6326.05	85401.68	4.1.8
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level					
4.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	7500.00	cum	7783.65	58377375.00	4.1.2
5	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
5.1	Foundations, footings, bases of columns, etc for mass concrete	120.00	Sqm	307.95	36954.00	5.9.1
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
61	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc	6000.00	Sqm	669.55	4017300.00	5.9.2


7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
7.1	Thermo-Mechanically Treated bars of grade Fe-500D or more	9600.00	kg	89.65	860640.00	5.22.6
8	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12(D=100 mm with tolerance of $\pm 2\%$ ) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	6250.00	Cum	3727.70	23298125.00	16.94
9	Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with Minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain.					
9.1	Ultimate tensile strength- 800 kN/m	4000.00	Sqm	1094.95	4379800.00	26.18.11
10	Providing and fixing 110mm dia Unplasticized rigid PVC pipe of required size for weep holes in plum concrete walls including cutting, placing and fixing in required slope all complete as per entire satisfaction and direction of Engineer -in-charge including carriage of material within all lead and lift.	4000.00	RMt	217.89	871560.00	A/R
Total					9,61,74,751.00	
<b>Total Cost for 400m length</b>					<b>9,61,74,751.00</b>	

  
Assistant Engineer (Civil)  
IIT Mandi

  
Superintending Engineer  
IIT Mandi

Table-9						
Detailed Estimate						
Name of Work:- Construction of Gabion wall at LP-01 area at North Campus of IIT Mandi.						
S. No.	Item Description	Qty	Unit	RATE	AMOUNT	Item Code
1	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.					
1.1	All kinds of soil	7200.00	cum	205.45	1479240.00	2.6.1
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	2700.00	Cum	368.65	995355.00	2.25(a)
3	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level					
3.1	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 20 mm nominal size)	13.50	Cum	6326.05	85401.68	4.1.8
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
4.1	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominalsize derived from natural sources)	4000.00	cum	7783.65	31134600.00	4.1.2
5	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
5.1	Foundations, footings, bases of columns, etc for mass concrete	120.00	Sqm	307.95	36954.00	5.9.1
6	Centering and shuttering including strutting, propping etc. and removal of form for all heights :					
6.1	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc	3200.00	Sqm	669.55	2142560.00	5.9.2

7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					
7.1	Thermo-Mechanically Treated bars of grade Fe-500D or more	4320.00	kg	89.65	387288.00	5.22.6
8	Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014:2012, MORTH Clause 2500, of required size, Mesh Type 10x12 (D=100 mm with tolerance of $\pm 2\%$ ) Zinc coated, Mesh wire diameter 3.0 mm, mechanically edged/selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge.	1875.00	Cum	3727.70	6989437.50	16.94
9	Supplying and laying high strength flexible geogrids (HSFG) as soil reinforcement / basal reinforcement as per MORTH 3100 and IRC 113, made of high tenacity polyester core with polyethylene coating with Minimum Long Term Design Strength (LTDS) of more than 50% of ultimate tensile strength at 30 degree Celcius corresponding to 12 % strain.					
9.1	Ultimate tensile strength- 800 kN/m	2800.00	Sqm	1094.95	3065860.00	26.18.11
10	Providing and fixing 110mm dia Unplasticized rigid PVC pipe of required size for weep holes in plum concrete walls including cutting, placing and fixing in required slope all complete as per entire satisfaction and direction of Engineer -in-charge including carriage of material within all lead and lift.	1600.00	RMt	217.89	348624.00	A/R
Total					4,66,65,320.00	
Total Cost for 400m length					4,66,65,320.00	

  
Assistant Engineer (Civil)  
IIT Mandi

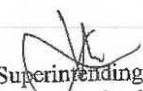
  
Superintending Engineer  
IIT Mandi

Table-10						
Detailed Estimate						
Name of work : - Construction of RCC water channel drain of Size-1000mmx1000mm at backside of Academic, Administrative blocks from A-18, A-09 upto Kataula khad at North Campus of IIT Mandi.						
Sr. No.	Description of items	Qty.	Unit	Rate (In Rs)	Amount (In Rs)	Item Rate as per DSR 2021
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.					
1.1	Ordinary rock	2.00	cum	523.5	1047.00	2.9.1
2	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	1.45	cum	368.65	534.08	2.25(a)
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
3.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	0.15	cum	6326.05	917.28	4.1.8
4	Centering and shuttering including strutting, propping etc. and removal of form work for :					
4.1	Foundations, footings, bases for columns	0.20	sqm	307.95	61.59	4.3.1
5	Centering and shuttering including strutting, propping etc. and removal of form for					
5.1	Foundations, footings, bases of columns, etc. for mass concrete	0.25	sqm	307.95	76.99	5.9.1
6	Centering and shuttering including strutting, propping etc. and removal of form for					
6.1	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	4.00	sqm	669.55	2678.20	5.9.2



7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto all level.					
7.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	63.00	kg	89.65	5647.95	5.22.6
8	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.					
8.1	All works upto plinth level					
8.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	0.41	cum	8683.8	3527.79	5.33.1.1
9	Add for using extra cement in the items of design mix over and above the specified cement content therein.	0.13	Quintal	688.45	92.30	5.35
10	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	8.00	Kg	111.95	895.60	10.2
11	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	0.39	kg	131.45	51.27	13.61



12	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 1100x50 mm, reinforced with 8 mm dia eleven nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.	1.00	Each	2906.00	2906.00	MR
Total					18,436.05	
Say					18,436.00	
Cost for 1 Mtr. Drain					18,436.00	
<b>Cost for 800 Mtr. Drain</b>					<b>1,47,48,800.00</b>	


  
Assistant Engineer (Civil)  
IIT Mandi

  
Superintending Engineer  
IIT Mandi

Table-11						
Detailed Estimate						
Name of work: - Construction of RCC water channel drain of size-600mmx600mm for internal campus drain at North Campus of IIT Mandi.						
Sr. No.	Description of items	Qty.	Unit	Rate (In Rs)	Amount (In Rs)	Item Rate as per DSR 2021
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m.					
1.1	Ordinary rock	1.00	cum	523.5	523.50	2.9.1
3	Excavating, supplying and filling of local earth (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	0.70	cum	368.65	258.06	2.25(a)
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
4.1	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	0.10	cum	6326.05	632.61	4.1.8
5	Centering and shuttering including strutting, propping etc. and removal of form work for :					
5.1	Foundations, footings, bases for columns	0.20	sqm	307.95	61.59	4.3.1
6	Centering and shuttering including strutting, propping etc. and removal of form for					
6.1	Foundations, footings, bases of columns, etc. for mass concrete	0.20	sqm	307.95	61.59	5.9.1
7	Centering and shuttering including strutting, propping etc. and removal of form for					
7.1	Walls (any thickness) including attached pilasters, buttersesses, plinth and string courses etc.	2.40	sqm	669.55	1606.92	5.9.2
8	Steel reinforcement for R.C.C. work including straightening, cutting,					

	bending, placing in position and binding all complete upto all level.					
8.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	38.00	kg	89.65	3406.70	5.22.6
9	Providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources, Portland Pozzolana / Ordinary Portland /Portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete. Note: Extra cement up to 10% of the minimum specified cement content in design mix shall be payable separately. In case the cement content in design mix is more than 1.10 times of the specified minimum cement content, the contractor shall have discretion to either re-design the mix or bear the cost of extra cement.					
9.1	All works upto plinth level					
9.1.1	Concrete of M25 grade with minimum cement content of 330 kg /cum	0.20	cum	8683.8	1736.76	5.33.1.1
10	Add for using extra cement in the items of design mix over and above the specified cement content therein.	0.07	Quinta 1	688.45	45.44	5.35
11	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	8.00	Kg	111.95	895.60	10.2
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :	0.39	kg	131.45	51.27	13.61

13	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 1100x50 mm, reinforced with 8 mm dia eleven nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.	1.00	Each	1603.00	1603.00	AR
Total					10,883.04	
Say					10,883.00	
Cost for 1 Mtr. Drain					10,883.00	
<b>Cost for 1000 Mtr. Drain</b>					<b>1,08,83,000.00</b>	

  
Assistant Engineer (Civil)  
IIT Mandi

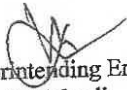
  
Superintending Engineer  
IIT Mandi

Table-12						
Detailed Estimate						
Name of Work - Installation of 11kVA HT line from RSS to ESS-2 & ESS-4 at North Campus of IIT Mandi.						
Item no.	Description of item	Qty	Unit	Rate	Amount	2022 DSR Item No.
1	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of Above 120 sq. mm and upto 400 sq. mm direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	900.00	Meter	577.00	519300.00	8.1.2
2	Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of Above 120 sq. mm and upto 400 sq. mm direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	900.00	Meter	415.00	373500.00	8.2.2
3	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of Above 120 sq. mm and upto 400 sq. mm in the existing RCC/ HUME/ METAL pipe as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	50.00	Meter	134.00	6700.00	8.3.2
4	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 11 KV grade of Above 120 sq. mm and upto 400 sq. mm in the existing masonry open duct as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	50.00	Meter	115.00	5750.00	8.4.2

5	supplying and making indoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 300 sq. mm of 3 core, XLPE aluminium conductor cable of 11 KV grade as required : as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	4.00	Each	16249.00	64996.00	10.4.4
6	Supplying and making outdoor cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 300 sq. mm of 3 core, XLPE aluminium conductor cable of 11 KV grade as required : as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	4.00	Each	22795.00	91180.00	10.5.4
7	Supplying and making straight through cable jointing with heat shrinkable jointing kit complete with all accessories including ferrules suitable for following size of 3 core, XLPE aluminium conductor cable of 11 KV <sup>^</sup> grade as required : as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	8.00	Each	41892.00	335136.00	10.6.4
8	Providing, laying and fixing 250 mm dia dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required. as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	30.00	Meter	975.00	29250.00	14.14.3

9	Constructing brick masonry circular type manhole 0.91 m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, all complete as per standard design :					
9.1	0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560 mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182 kg, fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including centering, shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately) :					
9.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	5.00	Each	11886.45	59432.25	Civil DSR 2021 19.9.1.1
10	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
10.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	1.00	cum	2007.10	2007.10	Civil DSR 2021 15.2.1
<b>Sub Total 1</b>					<b>1487251.35</b>	
<b>Analysed Rate Items-</b>						



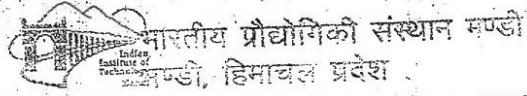
11	Supplying of 3 Core x 300 Sq. mm of 6.6 kv (UE)/11 KV (E) HT cables, Stranded Compactd Circular Aluminium Conductor, Conductor Screen with Extruded Semi Conducting Compound, XLPE Insulated, Insulation Screening with Extruded Semi Conducting Compound in Combination with Copper Tape, Cores Laid Up, Innersheath of PVC, Galvanised Steel Flat Strip Armoured, & Overall PVC Sheathed Cable Conforming to IS 7098 (Part-2) 2011 with upto Date Amendments as required as per entire satisfaction and direction of Engineer-in-charge including carriage of material in all leads and lifts.	1900.00	Meter	4112.00	7812800.00	MR-1
<b>Sub Total2</b>					<b>78,12,800.00</b>	
<b>Total (Sub Total 1 + Sub Total 2)</b>					<b>93,00,051.35</b>	
<b>Add 1 % Contingencies</b>					<b>93,000.51</b>	
<b>Grand Total</b>					<b>93,93,051.86</b>	
<b>Say</b>					<b>93,93,052.00</b>	
<b>Rs.Ninety Three Lakh Ninety Three Thousand And Fifty Two Only</b>						

*Cashal*  
JE/AE (Elect.)  
IIT Mandi

*[Signature]*  
Superintending Engineer  
IIT Mandi

Annexure - 8<sup>1</sup>

Institute of Technology Mandi  
Mandi, Himachal Pradesh



No. IIT Mandi/ Admn/ RS-78/2013/6428 - 40

Dated: 24.12.2013

**NOTIFICATION**

On the recommendations of the Institute Standing Committee, the Board of Governors in its meeting held on 19.10.2013 vide its Resolution No. BG/8.2.6/2013 approved to grant special travel facilities to Faculty & Staff members of the Institute as under:

"The faculty members and group A employees of the Institute and their families may be extended the facility of Institute leased vehicle for return travel to Delhi/Chandigarh for medical purpose /Home travel/LTC or any other purpose once a year. In case leased vehicle is not available, the Institute may hire vehicle for extending this facility.

For other employees belonging to group B and C, the Institute may extend the return travel facility once a year for such employees and their families by Volvo Bus upto Delhi/Chandigarh".

This policy will be reviewed after five years till a good & dedicated connectivity is established, whichever is earlier.

  
(Dr. R.C. Sharma)  
Registrar

**Copy to:-**

1. PS to Director for Director's kind information
2. All Deans
3. All Chairpersons of Schools
4. All Faculties & Staff by Email
5. Finance & Accounts Officer/Assistant Registrar (Audit & Accounts)
6. Guard file/BoG file

Indian Institute of Technology Mandi  
Kamand-175005, Himachal Pradesh



भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्ड - 175005, हिमाचल प्रदेश

Date 20-04-2015

Ref No.: IIT Mandi/ Admn/ RS-78/2015/375-81

**NOTIFICATION**

Reference is made to Notification No. IITMANDI/ADMN/RS-78/2013/6428-40 dated: 24.12.2013 vide which special travel facilities to Faculty and Staff members of the Institute was granted.

In partial modification to the above Notification dated: 24.12.2013, the Competent Authority has approved the following:

"The faculty members and group A employees of the Institute and their families may be extended the facility of Institute leased vehicle for return travel to Delhi / Chandigarh for medical purpose/Home Travel (other than Home Town LTC) or any other purpose once in a year. In case leased vehicle is not available, the Institute may hire vehicle for extending this facility.

For employees belonging to group B and , the Institute may extend the return travel facility once in a year for such employees and their families by Volvo Bus upto Delhi/Chandigarh".

This policy will be reviewed after five years or till a good & dedicated connectivity is established, whichever is earlier".

Accordingly, the Notification No. IITMANDI/ADMN/RS-78/2013/6428-40 dated: 24.12.2013 shall be treated as annulled for all intents and purposes.

-S/d-  
Mohammad Shakeel  
Registrar

Indian Institute of Technology Mandi, Kamand Campus, Kamand, Mandi - 175005 (H.P.)  
Telephone No. 01905-267015, Fax: 01905-267009, Email: registrar@iitmandi.ac.in

04/07/2023, 09:58

IIT Mandi| Notifications

Indian Institute of Technology Mandi  
Kamand-175005, Himachal Pradesh



Annexure - 9  
भारतीय प्रौद्योगिकी संस्थान मण्डी  
कमान्द - 175005, हिमाचल प्रदेश

Ref. No.: IITMandi/RO-01/2019/3484-87

Date: 21-06-2019

**Office Memorandum**

The Board of Governors (BoG) in its 24th meeting held on 8th April, 2019 vide item no. 24.2.10, has approved the extension for the Special travel facilities to faculty and staff members of the Institute for a period of next 5 years to visit Chandigarh/Delhi once in a calendar year as per earlier notified entitlement other than LTC. The faculty/staff is permitted one one-way journey in each direction in any order.

-S/d-  
(K.K. Bajre)  
Registrar

To:  
To:

1. All Faculty/Staff through email

Copy:  
1. Directorate  
2. Institute Website  
3. Guard file

Indian Institute of Technology Mandi, Kamand Campus, Kamand, Mandi - 175005 (H.P.)  
Telephone No.01905-267015, Fax: 01905-267009, Email: registrar@iitmandi.ac.in

File No. Vetting-II/IITMandi/2021-22/ (Computer No. 63473)

Annexure - 10**Para 07: Un-authorized grant of special travel facility to IIT employees- Rs. 12.30 Lakh.**

Ministry of finance vide F.No.1/1/2016-E.III(A) dated 13th January,2017 issued an Office memorandum stating that "the autonomous organizations are expected to manage their affairs in such fashion that their dependence on Central Government for financial support to meet the extra financial implications is minimal, as such autonomous organizations are expected to be financial self-sufficient so as not to cause any extra burden on the Central Exchequer". Further, para 4 of this memorandum states that "It would be necessary to ensure the final package of benefits proposed to be extended to the employees of these autonomous organizations etc. is not more beneficial than that admissible to the corresponding categories of the Central Government employees.

As per Rule 230 (12) (i) of GFR 2017, all Grantee Institutions or Organizations which receive more than fifty percent of their recurring expenditure in the form of Grants-in aid, should ordinarily formulate terms and conditions of service of their employees which are, by and large, not higher than those applicable to similar categories of employees in Central Government. In exceptional cases relaxation may be made in consultation with the Ministry of Finance.

During scrutiny of record, it was noticed that Board of Governors in its 8th meeting held on 19th October, 2013 (item No.8.2.6) approved to grant special travel facilities to faculty & staff members of the institute for five years. IIT Mandi vide notification No. IITMANDI/Admn./RS-78/2013/6428-40 dated 24-12-2013 implemented the special travel facilities to faculty & staff members of the institute and vide even no. RS-78/2015/375-81 dated 20-04-2015 further amended the order. As per approval, the faculty members & Group A employees and their families of the institute have been granted the facility to return travel by leased or hired vehicle and other staff members belonging to Group B and C and their families by Volvo bus once in a year up to Delhi/Chandigarh. This facility has been granted in addition to LTC and home town LTC facility (equivalent to central Govt. employees).

Scrutiny further revealed that IIT Mandi paid an amount of Rs.12,29,811/- on account of reimbursement of special travel facilities to its employees in the last two years i.e. 2019-20 & 2020-21 which was not only in contravention to the Ministry of Finance instruction, but also resulted in extra financial burden on Central Exchequer.

On being pointed out by audit, the Institute stated that special travel facilities was given to staff with the approval of BoG of IIT Mandi. The reply is not tenable as this special travel facility was in addition to the travel facilities (LTC, Home Time) available to the corresponding categories of the Central Government employees and approval/consultation from the Ministry of Finance was also not obtained. Final reply will be awaited in audit.

Annexure-II

Minutes of the meeting held on 19<sup>th</sup> September, 2023 in the Conference Room, 2<sup>nd</sup> Floor, A-9 Building, North Campus, IIT Mandi.

A meeting of the Committee constituted vide OM. No. IITMandi /F/ Administration/INT-A05/556-565 dated 18.07.2023 for reviewing the 'Daily Allowance' rates and 'one time travel facility (additional point entrusted for consideration)' to the employees of the Institute was held on 19.09.2023 at 3:00 P.M. in the Conference Room, 2<sup>nd</sup> Floor, A-9 Building, North Campus, IIT Mandi.

The following members attended the meeting: -

1. Dr. Vishal Singh Chauhan, AsP, SMME - Chair
2. Dr. Atul Dhar, AsP, SMME - Member
3. Dr. Shyam Kumar Masakapalli, AsP, SBS- Member
4. Dr. Amit Balkrishna Pawar, AP, - Member
5. Mr. Parminder Jit, Deputy Registrar - Member

2. Review of 'One time travel facility' to the employees of the Institute:

DR (A&L) apprised to the committee members that on the recommendation of the ISC and subsequent approval by the BOG, Notification No. IITMandi/Admn/RS-78/2013/6428-40 was issued on 24.12.2013 to grant special travel facilities to Faculty and Staff members of the Institute for return travel to Delhi/ Chandigarh for medical purposes/ Home Travel/LTC or any other purpose once a year, with a provision for reviewing the policy after five years, till establishing a good & dedicated connectivity, whichever is earlier.

The Special travel facility was again extended vide OM No. IIT/Mandi/RO-01/2019/3484-87 dated 21.06.2019 to the faculty and staff of the Institute for a period of 5 years to visit Chandigarh/ Delhi once in a calendar year as per earlier notified entitlement other than LTC. The faculty and staff are permitted one-way journey in each direction in any order. The tenure of the one-time travel facility is valid till 23.12.2023.

DR(A&L) further apprised that C&AG has raised para in the A&I report for the year 2020-21 "*Un-authorized grant of special travel facility to IIT employees- Rs. 12.30 Lakh*" for incurring expenditure on this account.

Committee discussed and deliberated on the matter and noted that 'One Time Travel Facility' to the employees of the Institute was initially allowed for 5 years or till establishing a good & dedicated connectivity (whichever is earlier) and after a review it was again extended for another 5 years i.e. up to 23.12.2023. The committee members acknowledged that while there has been improvement in connectivity from Chandigarh to Mandi town, however, frequent landslides on the highways have been a recurring issue which led to disruption of transportation in routine. The benefit of the facility is permitted for a minimal number of occasions; therefore, the committee recommended the extension of this facility further for 5 years.

The meeting ended with the vote of thanks to and by the Chair.



Annexure-12

**INDIAN INSTITUTE OF TECHNOLOGY MANDI**  
**Proposal for "Pan-India Cashless Medical Insurance Scheme for Present and Retired Employees of IIT Mandi"**

The committee constituted to frame policies for IIT Mandi Employee Welfare Society had several meetings for framing a "Pan-India Cashless Medical Insurance Scheme for all Regular and Retired Employees of IIT Mandi". The scheme is mandatory for all Regular Employees. However, this scheme is **optional for Retired Employees, Contractual & Temporary Employees** of the Institute. At the beginning of the implementation of the policy, the existing employees may be given the option to opt out from the scheme if they want to continue their reimbursement of IPD treatments as per the existing CGHS rates. The details of the scheme are as follows:

The salient features of this scheme are as follows:

1. The coverage of hospitals will be on a Pan-India basis and it will cover an extensive list of hospital networks with significant emphasis on the inclusion of hospitals that are generally used by IIT Mandi employees in cashless mode.
2. The facility is available for the present and superannuated employees of the Institute (regular, contractual, consolidated and project staff etc.).
3. The present employee and his/her family will get annual coverage of Rs. 7.00 lakh (Rs. 5.00 lakh base + Rs. 2.00 lakh from Institute buffer subject to availability of funds in the buffer) under this policy, further revision of the coverage amount/limit based on the market scenario will be revised with the approval of the Director. The size of Institute buffer will be of 40 Lakhs for the first year of the policy and later on it may be increased with the approval of the Director. If the expenditure is more than the ceiling limit fixed per family in a financial year, then the amount exceeding the ceiling limit, will be processed for determining the maximum admissible amount based on the existing Institute rules of reimbursement of the claims. The employee can submit the claims exceeding the ceiling limit or not covered treatments in the insurance scheme for reimbursement as per the institute procedures.
4. The definition of "family" will be applicable as per the 'Medical Attendance Rules'.
5. The employees joining the Institute will have to submit details of their dependents to the office of Administration & Establishment and office of SRIC as the case may be for coverage of the dependents in the insurance scheme.
6. The employees retiring during the financial year will have to submit a 'consent form' to the respective Administrative Unit.
7. Administration Unit will serve as a nodal office for this scheme. In this regard, the offices mentioned in point no. 5 & 6, will have to submit compiled monthly list with the following details:
  - (a) Newly joined faculty members and employees with their dependents.
  - (b) Any addition/ deletion in the name of present faculty members and employees with their dependents due to various reasons.
  - (c) Any addition/deletion in the name of retired employees and his or her spouse due to various reasons. It should include a detailed breakup of all retirees covered under GPF / CPF / NPS Scheme.



8. The retired employee and his/her spouse (not family) will be entitled for maximum coverage of Rs. 7.00 lakh (Rs. 5.00 lakh base + Rs. 2.00 lakh from Institute buffer subject to availability of funds in the buffer) under this policy, further revision of the coverage amount/limit based on the market scenario will be revised with the approval of the Director. The entry age of retired employees is till 80 years and the renewal age is for a lifetime. The retired employees and his/her spouse whoever has attained the age of 80 years, will get similar cover under reimbursement mode from the Institute by paying similar contributions as other retirees below 80 years.
9. Generally in other IITs, no premium has to be borne by present regular employees. Based on the financial situation of the institute, Director will decide the fraction of the premium to be borne by present and regular employees. **For the first year of the Insurance policy, all the regular employees will contribute 1% of their basic salary and remaining premium will be borne by the Institute.**

In case of temporary employees (Project staff, Consolidated, Visiting professor, short term contract, etc.), the premium has to be borne by the individual. Based on the budget availability, partial premium support as decided by Director in the particular financial year may also be extended to temporary employees with low income as a welfare measure. Institute will make effort to ensure the benefits of ESIC, Ayushman Bharat Schemes etc. for outsourced employees. The contributions of employees retired from the establishment of IIT Mandi covered under GPF, CPF and NPS will be decided for applicable cases as and when required.

10. The beneficiaries are entitled to facilities of private, semi-private and general ward depending on their entitlement, i.e. basic pay/pension as per the directives issued from Ministry of Health & Family Welfare, Government of India.
11. The present and the retired employees residing in Mandi will have to seek a referral from Health Centre, IIT Mandi for all planned hospitalization cases. However, in case of any emergency, the patient can be taken directly to the hospital and post referral must be taken from the Health Centre, IIT Mandi within 72 hours of admission to the hospital.
12. The present and the retired employees residing outside Mandi may avail facility directly from the hospital where they are residing or referred to and post referral must be taken from the Health Centre, IIT Mandi within 7 days of admission to the hospital.
13. For all the cases mentioned above in Point No. 10 & 11 to seek referral is mandatory and Medical Officers attached with Health Centre, IIT Mandi may be approached for seeking referrals. This will streamline the process and facilitate the beneficiaries in settling their claims.
14. The other features of this scheme are as follows:
  - (a) Pre-existing disease/ conditions without any waiting time are covered from day one.
  - (b) Coverage for new employees and their dependents from day one.
  - (c) Coverage of newborn will be provided from day one.
  - (d) The reimbursement pre-and post-hospitalization expenses will be for a maximum of 30 and 60 days, respectively.
  - (e) Cashless facility up to the sum assured amount will be available in all the empanelled hospitals.

- (f) The list of Pan-India empanelled hospitals along with list of cashless empanelled hospitals in Himachal and Chandigarh will have to be uploaded on the institute website.
- (g) Coverage of ailments/ surgeries etc. requiring one day or more of hospitalization are covered from day one. The list of exclusions is placed at **Annexure A**.
- (h) List of ailments covered under day care procedure(s) will be prepared and updated time to time with the approval of the Director (**Annexure B**).
- (i) Room rent will be as per respective entitled category subject to a maximum of Rs. 5,000/- per day, further revision of the charges will be done with the approval of the Director. Patient getting treatment in the entitled category shall only be eligible for buffer amount subject to availability, if need arises.
- (j) ICU shall be limited to maximum of Rs. 7000/- per day irrespective of entitlement category and further revision in rates will be done with the approval of the Director.
15. In case of treatment in a hospital which is not empanelled 'OR' in case of any emergency where networked hospitals are not available 'OR' for all government hospitals, the claim will be reimbursed as per entitlement of the scheme on submission of all documents. All reimbursement claims will be routed through Health Centre, IIT Mandi for verification of referral. Health Centre, IIT Mandi will send the bills to the respective Accounts Sections of employees concerned to check the admissibility of claims for onward submission to the Insurance Company. On receipt of approval of the amount against the claim from the insurance company, the said amount will be transferred to the account of the claimant. To establish the non-availability of the empanelled hospital, a self-declaration certificate has to be submitted by the individual.
16. For availing cashless facility in networked hospitals where the hospitalization is planned the Insured has to make sure that he carries the Insurance Card and Institute Identity Card to the hospital. The same will be deposited with the hospital during the period of his/her treatment.
17. Any query in regard to this scheme document, may be addressed to the Registrar, IIT Mandi for clarifications etc.
18. The Institute reserves the right to make modifications/ changes in the policy as may be decided by the Director, IIT Mandi from time to time.
19. The Performa of various forms and other information will be devised as per the requirement.
20. The service provider/insurance company will be selected by way of open tendering and the empanelment of the service provider will be effective for an initial period of one year and is **mandatory** for all Present Employees and the same will be extended based on the satisfactory performance of the service provider.
21. Normal OPD expenses will be reimbursed to the employees as per their entitlement and prevailing rules of the GoI.
22. Optional scope for additional cover on the payment of additional premium by the individual as per the age profile should also be made while selecting the service provider.

**Proposed by:**

Dr. Atul Dhar	Mr. Parminder Jit Singh Gill	Dr. Dericks Shukla	Dr. Ramna Thakur	Dr. Varun Dutt
(Chair)	(Member)	(Member)	(Member)	(Member)

Submitted to Director IIT Mandi for Kind Approval:

**Annexure A: List of Exclusions**

**List of Exclusions**

1. Obesity treatment and its complications, mainly Bariatric Surgery resulting due to metabolic syndrome and diabetes — if the claim documents specify BMI is below normal (25 or less) and there is documented history of uncontrolled DM with medications, only then it is payable. Else it is defined as treatment of obesity or its related complications. Only doctor's certification that surgery is required is not sufficient. Obesity treatment (Bariatric surgery) is not the target treatment for diabetes / metabolic syndrome. Capping: 50% of SI
2. Treatment related to all psychiatric and psychosomatic disorders — INR 30,000/- capping and only IPD.
3. Hyperbaric Oxygen Therapy — Hyperbaric Oxygen Therapy may be payable during a hospitalization for: Air or gas embolism, Carbon monoxide poisoning, Clostridal myositis and myonecrosis (gas gangrene), Crush injury, compartment syndrome, and other acute traumatic ischemias, Cyanide poisoning
4. Maternity benefit capped at 1.00 Lakh only.

**Financial Implications of Adopting this Policy**

In the 53<sup>rd</sup> meeting of IIT Council item no. 53.9, IIT Council approved payment of insurance premium upto 18000/ year for employee and his eligible dependents. The scheme includes the provision for the payment of extra premium for the employee from the salary. If the Institute opts for the payment of group medical insurance premium in a particular year then no bills for the hospitalisation will be reimbursed during that year for the employee and the dependents.

Hence, the limit set by IIT council allows for contribution of INR 18000 from IIT Mandi per employee.

It also links the amount of contribution from Institute with the DA. Based on current rate of 38% DA, the institute contribution can be upto INR 25000/-

(<https://www.iitsystem.ac.in/sites/default/files/councilminutes/minutes/53/Minutes%20of%2053rd%20Meeting%20of%20IIT%20Council.pdf>)

Based on the suggestion of ISC, quotations for group medical insurance were invited from 4 insurance companies. The quoted amount was INR 19,000-32,000 per family for annual insurance amount of INR 4 Lakhs per year.

For current employee number, the annual expenditure on medical reimbursement is around 35 Lakhs (60 percent of this expected to be expenditure on IPD).

Based on the feedback of the employees the cover is increased to 5 Lakhs for all employees. It is expected that after open tender cost of health insurance premium will be around INR 20,000/- for one employee. After meeting out the partial expenses (about half from the 1% basic salary contribution from the employees), institute will contribute around INR 10,000 towards the premium of one employee. Current expenditure on the reimbursement of the IPD bills of the employees is around INR 8000/ year-employee. This will amount to about ~4 Lakhs/ year (2000 per employee) extra expenditure on the IPD with reference to current expenditure on medical reimbursement.

Annexure-13

**Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of the Indian Institute of Technology, Mandi (Himachal Pradesh) for the year ended 31 March 2023**

We have audited the Balance Sheet of the Indian Institute of Technology, Mandi (Himachal Pradesh) as at 31 March 2023, Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971 read with Section 23(2) of Institutes of Technology Act, 1961 as amended by Institutes of Technology (Amendment) Act, 2012. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/ CAG's Audit Reports, separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

ii) The Balance Sheet and Income and Expenditure Account Receipts and Payments Account dealt with by this Report have been drawn up in the format prescribed by the Ministry of Human Resource Development, Government of India vide order No. 29-4 2012-11 D dated 17 April 2015.

iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Indian Institute of Technology, Mandi (Himachal Pradesh) in so far as it appears from our examination of such books.

iv) We further report that:

**A Balance Sheet**  
**A.1 Sources of Funds**  
**Current Liabilities & Provisions (Schedule III)**  
**Current Liabilities**  
**Statutory Liabilities: ₹ 205.39 lakh**

(i) Above did not include liability against demand raised of tax dues for short deductions of TDS and interest there against amounting to ₹ 4.30 lakh for the years 2019-20 to 2021-22 (₹2.13 lakh) 2022-23 (₹2.17 lakh). This has resulted in understatement of Current Liabilities by ₹ 4.30 lakh as well as Administrative and General Expenses by ₹ 2.17 lakh and Prior Period Expenses by ₹ 2.13 lakh.

(ii) As per the prescribed format; balances of sponsored projects are to be shown under head 'Receipts against sponsored projects' and balances of unutilised grants are to be shown under head 'unutilised grants'. It was pointed out in the Separate Audit Report for the year 2021-22 (comment A.3) that 'unutilized grants in aid' shown in Schedule 3 were included Receipts against sponsored projects' under head Sponsored Research Industrial Consultancy (SRIC) which should have been shown under head 'Receipts against sponsored projects' instead of 'unutilised grant in aid'. Despite being pointed out in the previous year, SRIC balances amounting to ₹10.90<sup>1</sup> crore were continued to be shown under head 'unutilised grant in aid' instead of 'Receipts against sponsored projects'. This has resulted in overstatement

<sup>1</sup>SRIC balances as per Balance Sheet ₹ 12.67 crore – ₹ 1.77 crore (item no. 352 in the list annexed)

of unutilized grants and understatement of liabilities under Sponsored Projects by ₹10.90 crore.

Moreover, SRIC project balances on account of 'workshop and other activities' amounting to ₹ 1.77 crore were not recorded in annual accounts. This has resulted in understatement of Receipts against Sponsored Projects as well as Current Assets by ₹1.77 crore.

**B. Contingent Liabilities and Notes to Accounts-Schedule XXIII**

Reference is invited to note no 3.3 (c) of Schedule XXIII where in it has been stated that arbitration award amounting to Rs 1.11 crore have been accepted through the implementing agency CPWD. Accordingly, these have been charged to respective assets during the year.

However, the disclosure given by the Institute was found incorrect as amount of the arbitration award amounting to ₹ 1.11 crore was not charged in the annual accounts for the year 2022-23. Further, payment was made to CPWD in July 2023 for depositing in the High court and for filling appeal against the award.

**C. General**

**C.1 Net impact of Audit comments on the Annual Accounts**

Net impact of Audit comments on the Annual Accounts of the Institute for the year ending 31 March 2023 is as under:

- i. Assets understated by ₹1.77 crore;
- ii. Liabilities understated by ₹1.81 crore;
- iii. Corpus/ Capital Fund overstated by ₹0.04 crore;
- iv. Deficit for the year understated by ₹0.04 crore.

**C.2** As per the prescribed format, each schedule forming part of the balance sheet should depict the comparative status of the balance for the current year as well for the previous year.

However, the Institute has not shown comparative balances for the previous year 2021-22 in respect of Schedule-10 Grants/ Subsidies (Irrecoverable Grants



Received), Schedule-3C (Unutilized Grant from Government) and Receipt and Payment Account.

**D. Grant-in-Aid**

Out of total available funds of ₹199.40 crore including previous year unspent balance of ₹11.32 crore, Grant-in-Aid received during the year ₹169.01 crore and adjustments made of prior years of ₹19.07<sup>2</sup> crore; the Institute utilized a sum of ₹169.58 crore, leaving an unutilized balance of ₹29.82<sup>3</sup> crore at the end of the year.

The Institute has recoverable grant under the head 'Grant for Repayment of Interest on HEFA Loan' amounting to ₹0.25 crore (refer to the footnote 2 given below); therefore, unspent balances of grants with the Institute were ₹30.07 crore.

**E. Management letter**

Deficiencies which have not been included in the Audit report have been brought to the notice of the Institute's management through a management letter issued separately for remedial/corrective action.

v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.

vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India:


a. In so far as it relates to the Balance Sheet, of the state of affairs of the Indian Institute of Technology, Mandi (Himachal Pradesh) as on 31<sup>st</sup> March 2023; and

<sup>2</sup> (Opening Balance as per Schedule 10/3C= ₹ 131.41 crore – Prior Period Adjustments ₹ 101.02 crore) – Balance as per previous year SAR, ₹ 11.32 crore – ₹ 19.07 crore

<sup>3</sup> ₹ 29.82 crore = OH-31: Nil, OH-35: Nil, OH-36: ₹ 19.76 crore, Repayment of HEFA Loan: ₹ 10.31 crore and Repayment of interest on HEFA Loan: (-) ₹ 0.25 crore; referring to figures of Schedule 10/3C.

b. In so far as it relates to Income and Expenditure Account, of the deficit for the year ended on that date.

**For and on behalf of the C & AG of India**



**Director General of Audit (Central), Chandigarh**

**Place: Chandigarh**

**Date:**

**Annexure to Audit Report****1. Adequacy of Internal Audit System**

The system of pre-audit of payments is in existence. However, no internal post-audit is being conducted and no internal audit report is being prepared.

**2. Adequacy of Internal Control System**

Internal Control System was found deficient to the following extent: -

- i. Accounting Manual was not prepared.
- ii. Out of sanctioned posts for faculty and non-faculty respectively approximately 41 percent and 64 percent posts were lying vacant.
- iii. Non-conducting of physical verification of fixed assets and inventory.

**3. System of Physical Verification of Fixed Assets**

Physical verification of Fixed Assets for the year 2022 -23 was in progress.

Physical verification of library books has been conducted for the year 2022-23. Total number of missing books were 11, the estimated cost of all the missing books was ₹45782/-.

**4. System of Physical Verification of Inventory**

Physical verification of Inventory for the year 2022 -23 was not conducted.

**5. Regularity in Payment of Statutory Dues.**

The Institute was regular in making payment of statutory dues.



Dy. Director