



**National Institute of Technology
Rourkela**

MINUTES

**48th Meeting of
Building & Works Committee**

DATE : 13th October, 2023 (Friday)
TIME : 11:00 A.M.
VENUE : Board Room, NIT, Rourkela



Building & Works Committee, NIT, Rourkela

Sl.	Name of the Members	Contact No. & Email ID
1.	Prof. K. Umamaheshwar Rao Director & Chairman, BWC NIT, Rourkela	Ph: 0661-2462001(O) Fax: 2472926 Email: director@nitrkl.ac.in
2.	Ms Veena Dunga, Deputy Secretary (NITs), Technical Section - III (NITs Desk), Department of Higher Education, Ministry of Education (Shiksha Mantralaya), Government of India, Room No.435, C - Wing, Shastri Bhawan, New Delhi – 110115	Email: veena.dunga@nic.in
3.	Shri Anil Kumar Director, Finance Ministry of Education (Shiksha Mantralaya), Government of India, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi - 110001	Ph: 011 - 23382696 (O) 011 - 23070668 Email: anil.k35@gov.in
4.	Shri Dillip Kumar Sahoo GM, Projects (Civil) SAIL, RSP, Rourkela	Mob: 08895500093 Email: dillipkumar.sahoo@sail.in
5.	Shri Sanjay Kumar Pradhan GM, Tower Engg (Elect) SAIL, RSP, Rourkela	Mob: 08895501432 Email: sanjaykumar.pradhan@sail.in
6.	Prof. Ashok Kumar Turuk Professor, Computer Science and Engineering & Member, BOG, NIT, Rourkela	Ph: 0661-2462360(O) Mob: 9437265366 Email: akturuk@nitrkl.ac.in
7.	Prof. Pradip Sarkar Professor, Civil Engineering & Dean (PD) NIT, Rourkela	Ph: 0661-2462326(O)/ 2463326 (R) Mob: 9439429739 Email: sarkarp@nitrkl.ac.in
8.	Prof. Rohan Dhiman, Registrar & Member Secretary, BWC, NIT, Rourkela	Ph: 0661-2462021/ 2476773 (O) Fax: 0661-2462022 Mob: 08594828323 Email: registrar@nitrkl.ac.in
Special Invitees:		
9.	Shri. B. K. Pati, Executive Engineer PWD, Uditnagar, Rourkela- 12	Mob: 9437085593
10.	Prof. S. Karmakar, EE Associate Dean PD (MEP), NIT Rourkela	Ph: 0661-2462411(O) Mob: 9439782318
11.	Prof. R. N. Behera, CE PIC(Civil Works), NIT, Rourkela	Ph: 0661-2462348(O) Mob: 7873100435
12.	Prof. S. Anbarasu, ME PIC(HVAC), NIT Rourkela	Mob: 9957801606
13.	Mr. Joydip Mondal Executive Engineer, Estate, NIT Rourkela	Ph: 0661-2462071(O) Mob:8630066021
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राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela

Minutes of the 48th Building & Works Committee, National Institute of Technology, Rourkela held on 13.10.2023 (Friday) at 11:00 AM in the Board Room of the Institute/VC.

A) GENERAL AND PROCEDURAL MATTERS

BWC: 48(2023)-01: Welcome to the members by the Chairman of the BWC.

BWC: 48(2023)-02: Confirmation of the minutes of the 47th meeting of the BWC held on 19.06.2023.

The minutes of the 47th meeting were sent to the members, and no comments were received from members.

[Annexure - A1, Page No. 5 - 12]

BWC confirmed the minutes of 47th BWC meeting.

BWC: 48(2023)-03: To report on the action taken on the decisions made in the 47th BWC held on 20.02.2023 and to discuss matters arising out of the minutes.

The report on the action taken on the decisions made in the 47th Meeting of the BWC held on 19.06.2023 is presented for BWC's consideration.

[Annexure-A2, Page No. 13]

BWC noted the information.

B) APPROVAL FOR PROJECTS: (PART- 'A')

BWC: 48(2023)-04: Kendriya Vidyalaya at NIT Rourkela Campus.

BWC: 47(2023)-05 recommended the proposal of opening a Kendriya Vidyalaya of Type-A (having two sections each for classes I to XII) at NIT Rourkela Campus for the approval of FC/BoG. However, FC has advised the institute to seek further clarification regarding the estimated project cost from Kendriya Vidyalaya Sangathan, and subsequently, resubmit the proposal for Expenditure Sanction at the next FC meeting. This recommendation of FC was eventually approved by the 90th BoG. Accordingly, a fresh cost estimate of ₹ 38.74 Cr has been prepared by CPWD Rourkela in consultation with Kendriya Vidyalaya Sangathan. It is proposed that the BWC approve the estimate and recommend the proposal for expenditure sanction.

Estimated cost – ₹ 38.74 Crores

Source of the fund – Coal India Limited.

[Annexure-A3, Page No. 14 - 38]

BWC recommended this proposal to FC for approval.

BWC: 48(2023)-05: Construction of 500 seated girls hostel funded by MCL under CSR

Over the years, the number of students at NIT Rourkela has increased to a great extent. However, the infrastructure on campus did not scale up to meet the need. With offline classes resumed and all students returned to campus, the Institute is facing severe infrastructure shortages. The institute is facing an acute shortage of about 3700 student accommodation as of date. Therefore, the major concern of NIT Rourkela at present is a serious shortfall in the student accommodation facilities on campus, especially for the girls' students. The main impediment to greater infrastructure investment is the lack of available financing. While the recent approval of the HEFA loan and EWS funds will help narrow the gap, a significant shortfall in student accommodation facilities will persist. In light of this situation, the institute reached out to Mahanadi Coalfield Limited for fundraising. The institute is pleased to report that Mahanadi Coalfield Limited sanctioned ₹ 42.69 crores under the CSR scheme (vide letter No. MCL/CSR/2023-24/415 dated 27.09.2023) for the construction of a 500-bedded girls' hostel at NIT Rourkela campus based on the estimate submitted by CPWD Rourkela. It is proposed that the BWC approve this proposal for the construction of a 500-bedded girls' hostel through MCL funding.

Estimated cost – ₹ 42.69 Crores

Source of the fund – Mahanadi Coalfield Limited

[Annexure-A4, Page No. 39 - 50]

BWC recommended this proposal to FC for approval.

BWC: 48 (2023)-06: Mobilizing CSR Funds for Critical Infrastructure Projects

The major concern of NIT Rourkela at present is a serious shortfall in the infrastructural facilities on campus in terms of academic, residential and community infrastructure. The main impediment to greater infrastructure investment is the lack of available financing. In this circumstance, the Institute is attempting to mobilize funds through contributions by the companies under Corporate Social Responsibility. As part of this initiative, the Institute has approached Coal India Limited to mobilize funds through CSR contributions for the following three priority projects which have already been recommended/ approved in earlier meetings of BWC but could not be taken up due to lack of funds. The rough cost estimate for these three projects has been prepared fresh by CPWD Rourkela as follows.

Sl.	Infrastructure	Estimated cost (₹ in crores)
1	Staff Housing for Working Women	65.82
2	Kendriya Vidyalaya	38.74
3	Institute Guest House	29.95

[Annexure-A5, Page No. 51 - 95]

Initiating the discussion, the Director informed the committee that Coal India Limited has committed to providing funding of ₹ 80 crores. The primary areas of focus for this funding are the Kendriya Vidyalaya and Staff Housing projects. The Institute will engage with other organizations to secure the remaining funds required to ensure the successful completion of all three projects mentioned. BWC recommended this proposal to FC for approval.

BWC: 48 (2023)-07: Changes in scheme/specification for rectification works of the building under major project Phase-I & II.

Based on the rough cost estimate (RCE) submitted by the CPWD Sambalpur and the recommendations of the BWC: 45 (2022)-04, the 79th FC approved ₹ 38.97 crores for the 11 different rectification works identified. After detailed discussion and expert opinion, the schemes/specifications of some works have been changed, especially in the case of waterproofing work, with a view to simplifying the future maintenance of the buildings and permanently stopping the recurrence of similar problems. Overall, these modifications are expected to have no financial implications.

[Annexure-A6, Page No. 96 - 101]

BWC approved this proposal. Further, BWC has advised that the rectification works should be executed comprehensively, taking into account all potential scenarios to ensure that these problems do not reoccur in the future.

BWC: 48 (2023)-08: Changes in GST rate for HEFA Funded Project.

There was an additional financial implication on HEFA funded Project due change in GST rate from 12% to 18% for civil works. Details are presented in the following table. Since this additional funding cannot be obtained from HEFA, it is proposed that it may be obtained from the OH-35 head.

Sl.	Name of the Projects	Estimated cost (₹ in Cr.)	Additional cost (₹ in Cr.)
1	1000 seated Boy's Hostel	77.53	7.38
2	500 seated Girl's Hostel	38.87	3.70
3	1.5 MLD Sewage Treatment Plant	13.21	1.257
4	Faculty Residence (72 nos. flats)	36.20	3.446
Total		165.81	15.783

Estimated cost – ₹ 15.783 Crores

Source of the fund – OH-35

The BWC proposed that the Institute may sanction additional expenditure to CPWD without securing funds immediately and raise the issue after finalization of tenders if the need for funds arises. BWC recommended this proposal to FC for approval.

BWC: 48 (2023)-09: Entrusting the work of execution/ implementation of upcoming infrastructural projects to CPWD.

The institute has received approval/sanction of the following projects recently. It is proposed to engage CPWD to carry out these projects under the provision of Rule 133(2) of GFR 2017.


Sl.	Name of the Projects	Funding from	Estimated cost (₹ in Cr.)
1	1000 seated Boy's Hostel	HEFA	77.53
2	500 seated Girl's Hostel	HEFA	38.87
3	1.5 MLD Sewage Treatment Plant	HEFA	13.21
4	Faculty Residence (72 nos. flats)	HEFA	36.20
5	500 seated Girl's Hostel	Gol (EWS)	35.00
6	500 seated Girl's Hostel	MCL	42.69
7	Kendriya Vidyalaya	Coal India	38.74
Total			282.24

BWC recommended this proposal to FC for approval.

C) APPROVAL OF BOQ AND ESTIMATE FOR TENDERING NEW PROJECT [PART 'B']: NIL

D) APPROVAL OF TENDER FOR AWARD OF WORK [PART 'C']: NIL

E) DEVIATION, EXTRA ITEMS FOR VARIOUS WORKS & POINTS FOR INFORMATION OF BWC [PART-'D']:


(Prof. R. Dhiman) 15/10/2023

**Registrar & Member Secretary
Building & Works Committee**


(Prof. K. Umamaheshwar Rao) 15.10.23
**Director and Chairman
Building & Works Committee**