



**National Institute of Technology
Rourkela**

MINUTES

**46th Meeting of
Building & Works Committee**

DATE : 20th FEBRUARY, 2023 (Monday)
TIME : 11:00 A.M.
VENUE : Board Room, NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

46th Building & Works Committee, National Institute of Technology, Rourkela, held on
20.02.2023 (Monday) at 11:00 AM in the Board Room & MS TEAM (online) of the Institute

Members Present

1. **Prof. K. Umamaheshwar Rao**
Director & Chairman, BWC
NIT, Rourkela
2. **Shri Indrajit Kuri (online through MS TEAM)**
Under Secretary, TS-III (NIT Desk)
Ministry of Education,
Room No. 435, C-Wing
Shastri Bhawan, New Delhi- 110001
3. **Shri Anil Kumar, (online through MS TEAM)**
Director, Finance
Ministry of Education (Shiksha Mantralaya), Government of India,
Department of Secondary & Higher Education,
Shastri Bhawan, New Delhi – 110001
4. **Shri Sanjay Kumar Pradhan**
GM, Tower Engg (Elect)
SAIL, RSP, Rourkela
5. **Prof. Swadesh Kumar Pratihar**
Professor, Ceramic Engineering & Member, BOG
NIT, Rourkela
6. **Prof. Pradip Sarkar**
Professor, Civil Engineering & Dean (PD)
NIT, Rourkela
7. **Prof. Rohan Dhiman,**
Registrar & Member Secretary, BWC,
NIT, Rourkela

Invitees Present

8. **Prof. R. N. Behera, CE**
PIC (Civil Works), NIT Rourkela
9. **Prof. M. K. Moharana, ME**
PIC (HVAC), NIT Rourkela
10. **Mr. Joydip Mondal**
Executive Engineer, Estate, NIT Rourkela

Members & Invitees Absent

- 11. Shri Dillip Kumar Sahoo**
GM, Projects (Civil)
SAIL, RSP, Rourkela
- 12. Shri B. K. Pati**
Executive Engineer
PWD, Uditnagar, Rourkela.
- 13. Prof. S. Karmakar, EE**
Associate Dean PD (MEP), NIT Rourkela
- 14. Mr. Rajesh Kumar Sahoo**
Executive Engineer (E), Estate, NIT Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला

National Institute of Technology Rourkela

Minutes of the 46th meeting of the Building and Works Committee, National Institute of Technology Rourkela, held on 20.02.2023 at 11:00 AM in the Board Room of the institute.

A) GENERAL AND PROCEDURAL MATTERS.

BWC: 46 (2023)-01: Welcome to the members by the Chairman of the BWC.

BWC: 46 (2023)-02: Confirmation of the minutes of the 45th meeting of the BWC held on 16.09.2022.

The minutes of the 45th meeting were sent to the members, and no comments were received from members.

BWC confirmed the minutes of its 45th meeting.

[Annexure - A1, Page No. 6 - 12]

BWC: 46 (2023)-03: To report on the action taken on the decisions made in the 45th BWC held on 16.09.2022 and to discuss matters arising out of the minutes.

The report on the action taken on the decisions made in the 45th Meeting of the BWC held on 16.09.2022 is presented for BWC's consideration.

BWC noted the information.

[Annexure-A2, Page No. 13]

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

BWC: 46 (2023)-04: Construction of Connecting corridor and a canteen Building between Lecture Hall Complex-I & II.

There is expected to be a large gathering of students/faculty members in the vicinity of Lecture Hall Complex-I and II, Mechanical Science Building and Biomedical Building. Keeping in view the security aspect and ensuring a barrier-free environment, it is planned to construct a connecting corridor between Lecture Hall Complex - I and II with the provision of a canteen and ramp. CPWD Sambalpur has submitted a preliminary estimate of Rs. 9.63 crores for this project.

Source of fund – OH-35

BWC recommended this proposal to the FC for approval.

[Annexure-A3, Page No. 14 - 33]

BWC: 46 (2023)-05: Rectification and new works of the building under major project Phase-I & II as per the report of the MoE committee.

The committee, comprising of the Director, IFD (Shri Anil Kumar), the then Director, NITs (Shri M. L. Soni) and Dean (PD), SPA Delhi (Prof. Virender Paul) visited NIT Rourkela during August 3-5, 2022 for identifying technical, contractual and administrative issues with the infrastructures created on the institute campus under the Major Projects Phase I and Phase II. The institute has received the committee's report vide Ministry's letter F.No. 14-6/2022-TS.III, dated August 30, 2022. PART 1 of this report addresses the technical issues identified with the above infrastructures and recommendations on possible solutions.

Based on the rough cost estimate (RCE) submitted by the CPWD Sambalpur and the recommendations of the 45th BWC, the 63rd FC approved Rs. 38.97 crores for the 11 different rectification works identified above. CPWD Sambalpur has submitted Preliminary Estimates (PE) for 8 of the above 11 works. There is a slight difference in the estimated cost of all these works against the approved estimates, as indicated in the following table.

Sl.	Name of the Work	Approved Estimate (Cr.)	Proposed PE (Cr.)
1	Renovation of Toilets of all 84 units of Faculty Residence at NIT Rourkela	3.0409	3.6875
2	Providing and fixing of expansion joint system in the Golden Jubilee Building at NIT Rourkela	0.1954	0.3551
3	Providing and fixing shed over the roof of Lecture Hall Complex-II, Mechanical Science Building, Faculty Residence A and B(FRA and FRB), including necessary truss at NIT Rourkela.	13.13	10.8270
4	Fire-fighting work, Pressurization of Lift lobby, Staircase and ventilation of corrido for Golden Jubilee building at NIT Rourkela	2.7116	4.5517
5	Removal of existing stone cladding from the external walls of the Biomedical Building, Electrical Science Building, and Lecture Hall Complex-I and 18 mm cement plaster in two coats under a layer 12 mm thick and a top layer 6 mm thick and texture painting at NIT Rourkela	6.0085	6.01
6	Roof leakage solution with 300 × 300 × 10 mm cool roof tiles over Golden Jubilee Building at NIT Rourkela.	1.9223	1.96
7	Providing and fixing windows grills above the 4th floor in Golden Jubilee Building at NIT Rourkela.	0.5662	0.57
8	Raising the height of the railing in the balconies of FRA and FRB Quarters at NIT Rourkela.	1.251	2.02

BWC recommended this proposal to the FC for approval.

BWC: 46 (2023)-06: Report of reconciliation meeting regarding Major Project Phase – II.

86th BoG formed a reconciliation committee to resolve the pending issues between the National Institute of Technology Rourkela (NITR) and Shapoorji Pallonji & Company Pvt Ltd (SPCPL) concerning Major Project Phase-II. The Committee held its first and second meetings on 29.12.2022 and 24.01.2023, respectively, in which both NITR and SPCPL discussed their issues in detail. After due deliberations by all the committee members, the following decisions have been recommended for further action by both NITR and SPCPL.

1. NITR will release the final bill amount as per the certified measurement sheet with applicable GST.
2. Balance retention Money amounting to Rs. 16.91 crores along with the Bank FD Interest (with applicable taxes, if any) on the entire retention amount as per actuals will be released by NITR.
3. Earnest Money deposit amounting to Rs. 0.20 crores will be released by NITR.
4. Liquidated damage for delayed completion of works in terms of Clause 33 of the Contract Agreement between the Parties will be recovered by NITR @ 0.5% (zero point five percent) of the Contract Value of Rs. 302,82,39,866/- (Rupees Three Hundred Two Crores, Eighty-Two Lakhs, Thirty-Nine Thousand, Eight Hundred and Sixty Six only).
5. An amount of Rs. 1 Crore (one crore) will be retained with NITR until the defects are attended fully to the satisfaction of NITR. However, the rectification works will be started after the release date of the above payments after adjustments, as cited above and will be completed within three months.
6. The Arbitration Award dated 19th July 2021, pronounced by Justice A.K. Parichha, will be honored by both parties. The challenge to this Award filed in the District Court of Sundargarh will be withdrawn by the Petitioner (SPCPL) after the release of the above payments.
7. The above settlement is the full and final settlement concerning any dues/claims/disputes of both the Parties pertaining to the work for "**Construction of (Civil, Electrical and HVAC works) Major Projects (Phase-II)**" Agreement dated 03-04-2013 at NIT Rourkela and the Parties will not pursue any further claims and disputes before any Arbitration and Legal forums.
8. A Settlement Agreement on the above lines will be drawn up by and between the Parties before 15th March 2023.
9. NITR will issue the certificate of completion to SPCPL after the Settlement Agreement is signed.

BWC recommended this proposal to the FC for approval.

[Annexure-A4, Page No. 34 - 41]

BWC: 46 (2023)-07: Budget provision of Civil and Electrical works under OH-35.

Details of the expected expenditure for Civil and Electrical works under OH-35 are proposed as follows:

Sl. No.	Description	FY 2022-23 (in Cr)	FY 2023-24 (in Cr)
1	Civil works	6.350	13.960
2	Electrical works	3.325	3.596

BWC recommended this proposal to the FC for approval.

[Annexure-A5, Page No. 42 - 43]

BWC: 46 (2023)-08: Enabling works for upcoming HEFA-funded projects.

To save time for the execution of the upcoming HEFA projects, CPWD Sambalpur has been asked to plan the site preparation work like geotechnical investigation, digital site survey and contour plan, local body and statutory approvals, cutting/relocation of trees etc. and submit the related Preliminary Estimates (PEs). In response, CPWD Sambalpur submitted PEs with a total estimated cost of Rs. 4.8165 crores, as described in the following table.

Sl.	Name of the Projects	Estimated cost for Site Enabling works (in Lakh)
1	1000 seated Boy's Hostel	146.27
2	1500 seated Girl's Hostel	217.72
3	1.5 MLD Sewage Treatment Plant	27.98
4	Faculty Residence (72 nos. flats)	89.68
Total		481.65

Although only one 500-seater girls' hostel was proposed for HEFA funding, CPWD Sambalpur was asked to submit a PE for a 1500-seater girls' hostel keeping in view the actual requirement.

While the HEFA proposal has yet to be sanctioned and is still under process, It is proposed that the above-mentioned enabling works are undertaken now so that the construction works can begin immediately after obtaining the sanction from HEFA.

This proposal is part of HEFA projects already approved by FC/BoG. Therefore, no separate approval is required for this proposal. However, expenditure on this project can only be started after HEFA has sanctioned the loan.

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']: NIL


BWC: 46 (2023)-09: Any other item with the permission of the chair.

- 1) Discussion on the minutes of the meetings of Project Monitoring Committee (PMC) of the Higher Education Financing Agency (HEFA) held on Monday, 19th December, 2022 at 10:30 AM through Video Conferencing.

The PMC of Higher Education Financing Agency (HEFA) held on 19th December, 2022 at 10:30 am through VC to review the progress of ongoing HEFA projects of different NITs. The PMC minutes along with remarks specific to NIT Rourkela is placed in the annexure for kind information of all the BWC members.

BWC noted the information.

[Annexure-A6, Page No. 44 - 49]



28/02/2023

(Prof. R. Dhiman)

Registrar & Member Secretary
Building & Works Committee



28/02/23

(Prof. K. Umamaheshwar Rao)

Director & Chairman
Building & Works Committee

