



**National Institute of Technology
Rourkela**

MINUTES

**53rd Meeting of
Building & Works Committee**

DATE : 28th March, 2025 (Friday)

TIME : 12:30 P.M.

VENUE : Board Room, NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

53rd Building & Works Committee, National Institute of Technology, Rourkela, held on
28.03.2025 (Friday) at 12:30 PM in the Board Room & Google Meet (online) of the Institute

Members Present

1. **Prof. K. Umamaheshwar Rao**
Director & Chairman, BWC
NIT, Rourkela
2. **Ms Veena Dunga** [Through online mode]
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
3. **Shri N. S. Bisht** [Through online mode]
Deputy Secretary (Scholarship/NIT)
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. Ashok Kumar Turuk**
Professor, Computer Science and 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. S. Karmakar, EE**
Associate Dean PD (MEP), NIT Rourkela
9. **Prof. R. N. Behera, CE**
PIC (Civil Works), NIT, Rourkela

10. **Prof. S. Anbarasu, ME**
PIC (HVAC), NIT Rourkela
11. **Mr. Bimalendu Mohanty**
HOD (EM), Superintending Engineer, NIT Rourkela
12. **Mr. Joydip Mondal**
Senior Executive Engineer, Estate, NIT Rourkela
13. **Mr. S. Subhadarshi**
Senior Executive Engineer (Civil), Estate, NIT Rourkela
14. **Mr. H. Satapathy**
Executive Engineer (Civil), Estate, NIT Rourkela
15. **Mr. Rajesh Kumar Sahoo**
Executive Engineer (E), Estate, NIT Rourkela

Members & Invitees Absent

16. **Shri Dillip Kumar Sahoo**
GM, Projects (Civil)
SAIL, RSP, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela

Minutes of the 53rd Meeting of Building & Works Committee, National Institute of Technology Rourkela held on 28.03.2025 (Friday) at 12:30 P.M. in the Board Room of the Institute through Offline/VC mode.

A) GENERAL AND PROCEDURAL MATTERS

BWC: 53(2025)-01: Welcome to the members by the Chairman of the BWC.

The director and Chairman BWC welcomed all the members to the meeting.

BWC: 53(2025)-02: Confirmation of the minutes of the 52nd meeting of the BWC held on 07.01.2025.

The minutes of the 52nd meeting were sent to the members, and no comments were received from members.

BWC confirmed the minutes of the 52nd BWC meeting.

[Annexure - A1, Page No. 4 - 10]

BWC: 53(2025)-03: To report on the action taken on the decisions made in the 52nd BWC held on 07.01.2025 and to discuss matters arising out of the minutes.

The report on the action taken on the decisions made in the 52nd Meeting of the BWC held on 07.01.2025 is presented for BWC's consideration.

BWC noted the information.

[Annexure-A2, Page No. 11]

B) REVIEW OF ONGOING PROJECTS

BWC: 53(2025)-04: Review of ongoing Civil Projects

A report on the progress of ongoing Civil Projects is enclosed for the perusal of the committee.

BWC noted the information.

[Annexure-A3, Page No. 12 - 14]

BWC: 53(2025)-05: Review of ongoing Electrical Projects

A report on the progress of ongoing Electrical Projects is enclosed for the perusal of the committee.

BWC noted the information.

[Annexure-A4, Page No. 15]

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

BWC: 53(2025)-06: Road Resurfacing Work for the Internal Roads of NIT Rourkela

Over the years, due to weathering effects and the absence of resurfacing in the last ten years, the campus roads have deteriorated significantly, resulting in potholes and damaged surfaces. Numerous complaints have been received from residents regarding these issues. Given the financial constraints, resurfacing the entire road network is not feasible at this stage. Instead, it is proposed to repair the most severely damaged sections requiring immediate attention. CPWD has provided an estimate of ₹1,99,98,000/- for this work.

Estimated cost – ₹1,99,98,000/-

Source of the fund – OH 31

After a thorough discussion, the BWC approved the proposal. During the discussion, the Committee recommended that photographs of the deteriorated road sections be included in the minutes for reference. Accordingly, relevant photographs have been included in Annexure – A5 (Page No. 23-25).

The Committee also inquired about the total length of the road considered for resurfacing under this proposal. The Dean (P&D) informed that the proposal accounts for the most severely damaged sections of the roads in different parts of the campus, amounting to an approximate total length of 2.5 km.

The Committee noted the details and approved the proposal for execution as per the estimate provided by CPWD.

[Annexure – A5, Page No. 16 - 25]

BWC: 53(2025)-07: External Painting of Residential Buildings of NIT Rourkela

For the past seven to ten years, no external painting has been carried out on the staff residential quarters and student hostels on campus. Due to prolonged weathering, the buildings have developed discoloration, black patches, and an overall shabby appearance. To address both maintenance concerns and aesthetic improvements, it is essential to undertake external painting. Given financial constraints, it is proposed to prioritize painting for the most critically affected residential quarters and hostels. CPWD has provided an estimate of ₹1,99,94,000/- for this work.

Estimated cost – ₹1,99,94,000/-

Source of the fund – OH 31

After deliberation, the BWC approved the proposal for the external painting of selected buildings. During the discussion, the Committee recommended that photographs of the affected building exteriors be included in the minutes for reference. Accordingly, relevant photographs have been included in Annexure – A6 (Page No. 33-34).

The Committee also inquired about the specific buildings considered for external painting under this proposal. The Dean (P&D) informed that the proposal covers two student residences (Satish Dhawan Hall of Residence and Verghese Kurien Hall of Residence) and two staff residences (FRA and FRB).

The Committee acknowledged the need for this work and approved the proposal for execution as per CPWD's estimate.

[Annexure – A6, Page No. 26 - 34]

BWC: 53(2025)-08: Restoration of Unlined Storm Water Drain inside NIT Rourkela Campus

A significant portion of the stormwater drains on both sides of the campus roads remains unlined, leading to frequent blockages, choking of hume pipes at cross-road locations, and water stagnation. As a result, considerable funds are spent each year on clearing these drains after the rainy season. To address this issue and ensure long-term efficiency, it is proposed to rework the drains with concrete lining. Given financial constraints, this work will be carried out in phases, with the first phase covering the most critical sections. CPWD has provided an estimate of ₹1,16,51,000/- for this phase.

Estimated cost – ₹1,16,51,000/-

Source of the fund – OH 31

After discussion, the BWC approved the proposal. The Committee also recommended including photographs of the unlined stormwater drains in the minutes for reference. Accordingly, relevant photographs have been annexed as Annexure – A7 (Page No. 43).

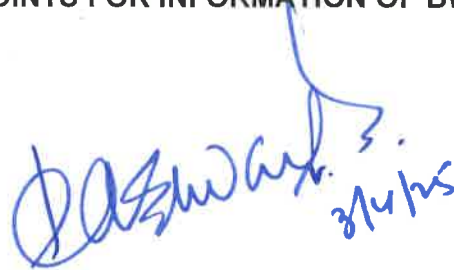
[Annexure – A7, Page No. 35 - 43]

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

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

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


[Prof. Rohan Dhiman] 3/4/2025
Registrar and Member Secretary
Building and Works Committee
NIT Rourkela


[Prof. K. Umamaheshwar Rao]
Director and Chairman
Building and Works Committee
NIT Rourkela



**National Institute of Technology
Rourkela**

MINUTES

**52nd Meeting of
Building & Works Committee**

DATE : 7th January, 2025 (Tuesday)
TIME : 02:30 P.M.
VENUE : Board Room, NIT, Rourkela



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

52nd Building & Works Committee, National Institute of Technology, Rourkela, held on
07.01.2025 (Tuesday) at 02:30 PM in the Board Room & Google Meet (online) of the Institute

Members Present

1. **Prof. K. Umamaheshwar Rao**
Director & Chairman, BWC
NIT, Rourkela
2. **Ms Veena Dunga** [Through online mode]
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
3. **Shri N. S. Bisht** [Through online mode]
Deputy Secretary (Scholarship/NIT)
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. Ashok Kumar Turuk**
Professor, Computer Science and 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. S. Karmakar, EE**
Associate Dean PD (MEP), NIT Rourkela
9. **Prof. R. N. Behera, CE**
PIC (Civil Works), NIT, Rourkela

10. **Prof. S. Anbarasu, ME**
PIC (HVAC), NIT Rourkela
11. **Mr. Bimalendu Mohanty**
HOD (EM), Superintending Engineer, NIT Rourkela
12. **Mr. Joydip Mondal**
Senior Executive Engineer, Estate, NIT Rourkela
13. **Mr. S. Subhadarshi**
Senior Executive Engineer (Civil), Estate, NIT Rourkela
14. **Mr. H. Satapathy**
Executive Engineer (Civil), Estate, NIT Rourkela

Members & Invitees Absent

15. **Shri Dillip Kumar Sahoo**
GM, Projects (Civil)
SAIL, RSP, Rourkela
16. **Mr. Rajesh Kumar Sahoo**
Executive Engineer (E), Estate, NIT Rourkela

Handwritten signatures in black ink, including a signature that appears to be 'D' and another that appears to be 'Rajesh'.



राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
National Institute of Technology Rourkela

Minutes of the 52nd Meeting of Building & Works Committee, National Institute of Technology Rourkela, held on 07.01.2025 (Tuesday) at 02:30 P.M. in the Board Room of the Institute through Offline/VC mode.

A) GENERAL AND PROCEDURAL MATTERS

BWC: 52(2025)-01: Welcome to the members by the Chairman of the BWC.

The Chairman welcomed all the members to the meeting.

BWC: 52(2025)-02: Confirmation of the minutes of the 51st meeting of the BWC held on 12.09.2024.

The minutes of the 51st meeting were sent to the members, and no comments were received from members.

[Annexure-A1, Page No. 05 - 13]

The BWC confirmed the minutes of the 51st BWC meeting.

BWC: 52(2025)-03: To report on the actions taken regarding the decisions made during the 51st BWC meeting held on 12.09.2024 and to discuss matters arising from the minutes.

The report on the actions taken regarding the decisions made during the 51st BWC meeting held on 12.09.2024 is presented for the BWC's consideration.

[Annexure-A2, Page No. 14]

The BWC noted the above information.

B) REVIEW OF ONGOING PROJECTS

BWC: 52(2025)-04: Review of ongoing Civil Projects

A report on the progress of ongoing Civil Projects is enclosed for the committee's perusal.

[Annexure-A3, Page No. 15 - 17]

The BWC noted the same.

BWC: 52(2025)-05: Review of ongoing Electrical Projects

A report on the progress of ongoing Electrical Projects is enclosed for the committee's perusal.

[Annexure-A4, Page No. 15 - 17]

The BWC noted the same.

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

BWC: 52(2025)-06: Reconstruction of Boundary Wall at NIT Rourkela Academic Building in Bhubaneswar.

The construction of the Academic Building for NIT Rourkela in Chandrasekharpur, Bhubaneswar, is nearing completion. The premises currently have a brick masonry boundary wall built 7-8 years ago, which has become non-functional due to the significant elevation of surrounding roads from new constructions and infrastructure development in the area. Additionally, the wall has suffered damage at multiple locations from earth pressure caused by the elevated roads. To ensure the safety and protection of the building and its infrastructure, it is proposed that the boundary wall be reconstructed, including installing a concertina coil, two gates, and two security rooms. CPWD has submitted a preliminary estimate of ₹1,13,33,245.00 for the reconstruction.

Estimated cost – ₹1,13,33,245/-
Source of the fund – Corpus Funds

[Annexure-A5, Page No. 18 - 50]

BWC recommended the proposal to FC/BOG for approval.

BWC: 52(2025)-07: Furniture Purchase and Additional Works for the Academic Building of NIT Rourkela at Bhubaneswar.

On the recommendation of BWC (BWC: 47(2023)-13), the Finance Committee (FC-65(2023)-04) had earlier approved ₹2.27 crores from the OH-35 source for the purchase of necessary furniture for the Academic Building of NIT Rourkela at Bhubaneswar. This estimate, calculated at approximately 8% of the total project cost, was an initial approximation. However, due to delays in the building's construction, furniture purchase has not yet been initiated.

With the building nearing completion, it is essential to procure the necessary furniture to make the facility operational as soon as possible. Additionally, CPWD, on our request, has submitted a detailed preliminary estimate of ₹6,37,69,367.00 for the supply and installation of furniture, as well as other necessary works, including wall paneling, false ceiling, flooring of the auditorium, furnishing three smart classrooms, and fixing ACP on the front elevation.

Estimated cost – ₹6,37,69,367/-
Source of the fund – OH-35

[Annexure-A6, Page No. 51 - 92]

The Committee discussed the agenda item in detail. It was placed before the committee that the academic building of NIT Rourkela at Bhubaneswar was initially an S+3-storeyed building, and subsequently, with the approval of BWC [BWC: 44(2022)-10-2] and FC [FC-62(2022)-06B], the building was extended vertically by two additional floors. On the recommendation of BWC [BWC: 47(2023)-13], the Finance Committee [FC-65(2023)-04] had approved ₹2.27 crores from the OH-35 source for the purchase of necessary furniture for this building. With the additional vertical extension of 2 floors, the CPWD has submitted a revised furniture estimate of Rs. 3.72 crores. With the building nearing completion, it is imperative to procure the required furniture to make the facility operational as soon as possible.

Apart from furniture, additional works (not included in the initial scope) estimating Rs. 2.65 crores are essential to operationalize the building.



Finally, the BWC recommended Rs. 3.72 crore for procuring furniture and Rs. 2.65 crore for additional work for FC/BOG approval.

It was also suggested to follow the procedures as per the Government of India norms while procuring the furniture by CPWD.

BWC: 52(2025)-08: Construction of Approach Road and Independent Gate for Kendriya Vidyalaya.

The construction of Kendriya Vidyalaya on the NIT Rourkela campus is progressing as scheduled and is expected to be completed by March 2026. This school will operate with two sections per class from Class I to Class XII, accommodating more than 1,000 students, many of whom will be commuting from outside the campus.

To ensure convenient access for students and parents, particularly those from the city of Rourkela, it is essential to construct an independent gate and approach road for the school. This will provide direct access to Kendriya Vidyalaya without requiring entry through the main NIT campus gate, thus avoiding congestion on campus roads.

Rourkela Steel Plant has issued a no-objection certificate for constructing a new approach road on their land, connecting the nearest existing road to the proposed independent gate of Kendriya Vidyalaya. On our request, CPWD has submitted a preliminary estimate of ₹2,66,97,000/- for constructing 215 meters of a two-lane road, including a box culvert cross drainage structure, paver block footpath, and surface drain.

Estimated cost – ₹2,66,97,000/-
Source of the fund – Corpus Funds

[Annexure-A7, Page No. 93 - 107]

BWC recommended the proposal to FC/BOG for approval.

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

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

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

BWC: 52(2025)-09: Time Extension for Roof Leakage Treatment Contract (NITR/EM/WO/CM/23-24/56 dated 15.12.2023).

The institute awarded a contract for roof leakage treatment using APP hydro insulation in the hall and academic areas of NIT Rourkela to M/s Rajesh Infrastructure Pvt. Ltd., as per work order no. NITR/EM/WO/CM/23-24/56 dated 15.12.2023, with a contract value of ₹87,22,529.00. The scheduled completion date was 15.06.2024; however, the contractor completed the work satisfactorily on 09.08.2024.

Extreme weather conditions, including high temperatures during a heatwave and subsequent rain, caused the delay of 55 days. These conditions rendered it unsafe and impractical for workers to carry out tasks on the hot RCC roof terrace, and the terrace required time to dry completely after rains to ensure effective treatment.

Considering the contractor's reasons, the satisfactory completion of work, and their applications dated 12.06.2024 and 04.12.2024, it is proposed to grant an extension of time up to 09.08.2024 without imposing liquidated damages and at no extra cost to NIT Rourkela.

[Annexure-A8, Page No. 108 - 118]



BWC approved the time extension.

BWC: 52(2025)-10: Revised Methodology for Rectification of Seminar Block (GJB).

CPWD Sambalpur initially submitted a rough cost estimate of ₹5.0 crores for rectifying the seminar block (GJB) based on a planned methodology. This estimate was approved by the FC [FC-63(2022)-06] on the recommendation of BWC [BWC: 45(2022)-04]. Subsequently, after another round of expert opinions and detailed discussions, the rehabilitation scheme was thoroughly modified and reported to BWC [BWC: 48(2023)-07].

Due to the complexity of the earlier proposed methodologies, CPWD has not attempted the work or provided a revised estimate to date. Recently, with the establishment of a CPWD office on our campus and a new Superintending Engineer assuming charge, CPWD Rourkela has undertaken a thorough study and survey of the building. They have proposed a relatively less complex methodology based on their findings. This revised plan includes conducting a detailed hydrological study of the building area and upgrading the drainage network before undertaking any modifications to the building.

The newly proposed methodology is expected to have no additional financial implications.

[Annexure-A9, Page No. 119]

BWC approved the implementation of the newly proposed methodology.

BWC: 52(2025)-11: Reimbursement of Plantation Cost Paid for Forest Clearance.

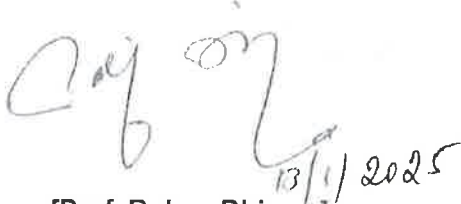
The Institute has received permission for the removal of forest growth from the construction sites of Kendriya Vidyalaya from the Office of the Divisional Forest Officer (DFO) cum Wildlife Warden, Rourkela Forest Division, Government of Odisha. As part of the permission requirements, and under the instruction of the DFO, a payment of ₹78,48,295/- was made towards the plantation cost for 2,444 trees. To avoid delays in obtaining the clearance, CPWD was requested to make this payment on behalf of the institute at that time. CPWD has now requested reimbursement of this amount.

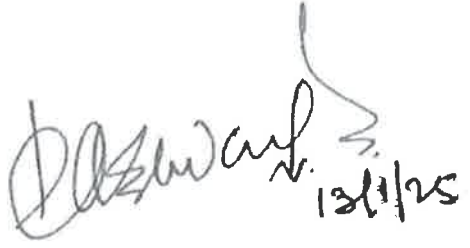
Total cost – ₹78,48,295/-
Source of the fund – Corpus Funds

[Annexure-A10, Page No. 120 - 122]

BWC approved the reimbursement of Rs. 78,48,295/- to the CPWD.

The meeting ended with thanks to the Chair.


[Prof. Rohan Dhiman]
Registrar and Member Secretary
Building and Works Committee
NIT Rourkela


[Prof. K. Umamaheshwar Rao]
Director and Chairman
Building and Works Committee
NIT Rourkela

**Report on the action taken on the decisions made in the 52nd Meeting
of BWC held on 07.01.2025**

BWC item No.	Item Descriptions	Action taken
<i>BWC: 52(2025)-01</i>	Welcome to the members by the Chairman.	NA
<i>BWC: 52(2025)-02</i>	Confirmation of the minutes of the 51 st meeting of the BWC held on 12.09.2024.	NA
<i>BWC: 52(2025)-03</i>	To report on the action taken on the decisions made in the 51st meeting of the BWC held on 12.09.2024 and to discuss matters arising out of the minutes.	NA
<i>BWC: 52(2025)-04</i>	Review of ongoing Civil Projects	NA
<i>BWC: 52(2025)-05</i>	Review of ongoing Electrical Projects	NA
<i>BWC: 52(2025)-06</i>	Reconstruction of Boundary Wall at NIT Rourkela Academic Building in Bhubaneswar	The A/A and E/S for this work have been sanctioned to CPWD vide No. NITR/RGI2025/L/0033 dated 24.01.2025
<i>BWC: 52(2025)-07</i>	Furniture Purchase and Additional Works for the Academic Building of NIT Rourkela at Bhubaneswar	The A/A and E/S for this work have been sanctioned to CPWD vide No. NITR/RGI2025/L/0034 dated 24.01.2025
<i>BWC: 52(2025)-08</i>	Construction of Approach Road and Independent Gate for Kendriya Vidyalaya	The A/A and E/S for this work have been sanctioned to CPWD vide No. NITR/RG/2025/L/0032 dated 24.01.2025
<i>BWC: 52(2025)-09</i>	Time Extension for Roof Leakage Treatment Contract (NITR/EM/WO/CM/23-24/56 dated 15.12.2023)	The bill for this work has been processed and the contract has been closed
<i>BWC: 52(2025)-10</i>	Revised Methodology for Rectification of Seminar Block (GJB)	The approval of BWC is intimated to CPWD through email dated 22.01.2025.
<i>BWC: 52(2025)-11</i>	Reimbursement of Plantation Cost Paid for Forest Clearance	The cost of tree plantation has been reimbursed to CPWD

Sl. No.	Name of the Work	AA & ES of PE		Fund Deposited by Client	Tendering Status	Name of the Executing Agency	Agreement No. & Date	Awarded Value of the Work	Date of Commencement	Stipulated Date of Completion	Revised Date of Completion	Upto date Expenditure made by CPWD	Present Status of the Work		Remarks
		Amount (Rs.)	Date of Sanction										Physical (%)	Financial (%)	
1	Construction of Sports and Common Facilities Complex for NIT Rourkela at Rourkela, Odisha.	24,99,77,000	NITR/RG/2020/L/0227 & Dt.20.03.2020	24,99,70,000.00	Work awarded	M/s Junaid Enterprises	14/EE/SD/06/NIT/CE/C PWD/BBSR/ 2022-23	21,59,15,767.00	24.10.2022	23.10.2023	30.04.2025	18,55,00,000	82%	80%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 98% completed 4 Plumbing work 90% completed 5 Flooring work in Progress 6 Electrical work 40% completed
2	Construction of 1000 Seated Open Air Theatre (OAT) at NIT Rourkela	6,00,00,000	NITR/RG/2020/L/0477 & Dt.10.07.2020	6,00,00,000.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
3	Providing and Fixing expansion joint system in Golden Jubilee building at NIT Rourkela, Odisha.	35,81,000	Registrar NIT R. No. NITR/RG/ 2022/ L/ 0873 dated 06.12.2022	35,50,800.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
4	Providing and Fixing Windows grill above 4th Floor in Golden Jubilee Building at NIT Rourkela, Odisha.	56,62,000	Registrar NIT R. No. NITR/RG/ 2022/ L/ 0873 dated 06.12.2022	56,62,000.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
5	Providing and Fixing 300x300x10mm cool roof tiles over Golden Jubilee building, at NIT Rourkela, Odisha.	1,95,65,000	Registrar NIT R. No. NITR/RG/ 2023/ L/ 0873 dated 09.12.2022	1,30,43,667.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
6	Removal of existing stone cladding from the external wall of the Biomedical Building, Electrical Science building and Lecture Hall Complex-I and II at NIT Rourkela, Odisha.	6,00,85,000	Registrar NIT R. No. NITR/RG/ 2022/ L/ 0873 dated 06.12.2022	5,56,54,333.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
7	Raising the height of the railing in the Balcony of FRA and FRB Quarters at NIT Rourkela, Odisha.	2,01,84,000	Registrar NIT R. No. NITR/RG/ 2022/ L/ 0873 dated 06.12.2022	1,34,56,000.00	Work awarded	M/s Swaraj Construction	21/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23(Modified)	6,76,28,979.00	22.04.2023	21.01.2024	31.11.2025	30,00,000	100%	84%	1 RCC work 100% Completed 2 Brick work 100% completed 3 Plastered work 95% completed 4 Plumbing work 80% completed 5 Electrical work 50% completed 6 Flooring work in Progress Work Completed
8	Construction of Connecting corridor and Canteen between Lecture Complex-I and Lecture Complex-II at NIT, Rourkela (Odisha).	9,63,07,000	Registrar NIT R. No. NITR/RG/ 2023/ L/ 0040 dated 20.01.2023	6,42,04,333.00	Work awarded	M/s Swaraj Construction	06/EE/RKL/CPWD/20 23-24	5,78,32,204.00	15.1.2024	14.01.2025	04.10.2025	3,02,00,000	28%	36%	1 Initially the work was delayed due to various services lines across the site & change in design due to change in drawings 2 Raft completed on LA I side 3 Preparation for wall casing in progress 3 LA2 side pending raft casing Work completed Final Bill in Progress
9	Construction of Boundary wall with gate for at Back side of NIT, Rourkela.(Odisha)	5,12,49,000	Registrar NIT R. No. NITR/RG/ 2023/ L/ 0040 dated 20.01.2023	3,57,73,500.00	Work in Progress	M/s Master Construction	04/EE/RKL/CPWD/2023-24	3,31,56,649.00	30.11.2023	30.07.2024	29.01.2025	1,67,00,000	100%	90%	1 LA2 side pending raft casing Work completed Final Bill in Progress
10	Construction of 8 Lakhs liters capacity 25 Metres Staging Height RCC over head tank (OHT) at NIT Rourkela (Odisha)	3,63,00,000	Registrar NIT R. No. NITR/RG/ 2023/ L/ 0102 dated 09.02.2023	3,42,00,000.00	Work in Progress	JRC Infra	03/EE/RKL/CPWD/2023-24	3,00,99,479.00	17.08.2023	16.07.2024	19.12.2024	3,05,00,000	100%	90%	Work completed Final Bill in Progress Heading over note submitted on 07.03.2025
11	Renovation of Toilet of all 84 Units of faculty Residence at NIT, Rourkela, Odisha.	3,68,75,000	Registrar NIT R. No. NITR/RG/ 2023/ L/ 0146 dated 22.02.2023	3,68,75,000.00	Work in Progress	M/s Udra Construction Private Limited	23/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23	3,23,66,174.00	07.05.2023	06.03.2024	30.04.2025	3,50,00,000	80%	80%	202 nos toilets completed and used by the occupants Balance 50nos could not be done within this Approved cost due to extra items as per letter from Registrar on dt. 04.09.2023
12	Providing and Fixing Shed over roof of Lecture Hall Complex-II Mechanical Science building, Faculty residence A and B (FRA & FRB) including necessary truss at NIT, Rourkela, Odisha	10,82,70,000	NITR/RG/ 2023/ L/ 0146 dated 22.02.2023	3,60,90,000.00	Work in Progress	M/s Vijay Singh & Sons	01/EE/SD/12/NIT/SE-Sambalpur/CPWD/2022-23	6,70,08,182.00	28.05.2024	27.01.2024	31.03.2025	3,65,23,694	71%	60%	1) Truss and sheet work including gutter in FRB completed 2) Truss and sheet work including gutter in FRA completed 3) LC-II Truss and sheet work completed 4) LC-I Truss work completed 5) Mechanical Science building - material collection under progress

Sl. No.	Name of the Work	AA & ES of PE		Fund Deposited by Client	Tendering Status	Name of the Executing Agency	Agreement No. & Date	Awarded Value of the Work	Date of Commencement	Stipulated Date of Completion	Revised Date of Completion	Up to date Expenditure made by CPWD	Present Status of the Work		Remarks
		Amount (Rs.)	Date of Sanction										Physical (%)	Financial (%)	
13	Construction of School building (Gr-I) Type-A, Staff Quarters (8 nos Type-II, 8 nos Type-III, 1 no Type-V), MP hall, Pump House, Canteen etc. for X.V at NIT, Rourkela, Odisha	50,00,99,000	NITR/RC/2024/L/0063 dated 29.01.2024	5,00,00,000.00	Work in Progress	M/S Dabas Govil & Company	08/ER/RKL/CPWD/2024-25	32,08,90,973.00	15.6.2024	14.03.2026	26.06.2025	7,87,00,000	26%	23%	1) Local body approval received on 31.7.2024 2) Tree cutting permission received on dated 26.09.2024 for school building, T.V. Type-II, T.V-I, Parking MP hall 3) For balance portion tree cutting permission is pending 4) HT line pole shifling pending 5) School bldg- 50% slab casted Brick work in progress 6) Type III- Slab casted up to 3rd floor 7) Type-II- Foundation work completed 8) Type V- RCC work completed 8) MP hall- RCC work up to plinth level completed
14	Construction of 1000 Capacity Boys Hostel (Gr-6) at NIT Rourkela (Odisha)	1,00,72,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	9,44,90,000.00	Works in progress	M/s Sheeekrupa Project Limited	03/ER/RKL/CPWD/2024-25	36,77,60,28.00	1.09.2024	31.08.2027		3,98,00,000	7%	5%	1) Forest Clearance applied Online on dt.05.10.2024. Joint verification of Ranger and revenue Supervisor done. Target Date of removal of tree felling permission-10.1.2025 2) Online submission for local body approval completed 3) RMC Approval received for a) Boys Hostel b) Girls Hostel, c) Type-II & Type-III 4) Boys Hostel- Foundation work in progress 5) Girls Hostel- Foundation work in progress 6) Type-II & III - Excavation is in progress
15	Construction of 500 Capacity Girls Hostel (Gr-6) at NIT, Rourkela (Odisha)	43,67,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	4,24,20,000.00								2,01,00,000			
16	Design, Supply, Installation, Testing & Commissioning of Sewage Treatment Plant (STP) of 1.50 MLD Capacity (2 Nos. 0.75 MLD each) based on approved Technology for National Institute of Technology, Rourkela (Odisha) with Operation & Maintenance (O & M) of STP for 5 Years	13,64,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	1,35,30,000.00								47,00,000			
17	Construction of 72 Nos Faculty Residence (S+6) at NIT Rourkela (Odisha)	35,49,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	4,85,30,000.00								1,83,00,000			
18	Construction of 300capacity Girls Hostel at NIT Rourkela Odisha (Revised Estimate Rs-43,67,00,000/-)	43,67,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	4,37,00,000.00								2,03,00,000			
19	Construction of 36 Nos Type-III Qtrs (S+6) and 36 Nos Type-II Qtrs (S+6) at NIT Rourkela (Odisha)	35,49,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	3,55,00,000.00								1,78,00,000			
20	Construction of 500 Capacity Girls Hostel (Gr-6) including Dining Hall at NIT Rourkela (Odisha)	51,77,00,000	Registrar NIT R No: NITR/ RC/ 2024/ L/ 0064 dated 29.01.2024	5,18,00,000.00								2,83,00,000			
21	Replacement of fixed aluminum glazed windows with factory made uPVC windows with SGU glass in the Golden Jubilee Building at NIT Rourkela, Odisha	1,20,92,000	NITR/ RC/ 2024/ L/ 0447 dated 06.06.2024	12,00,000.00	Letter of Contract issued to agency on 06.09.2024	M/S Classic Constnutions Co	01/ER/RKL/CPWD/2024-25	Rs.6,50,83,371/-	06.09.2024	05.03.2025	05.7.2025		20%		1) Dismantling of tiles & windows complected 2) Dismantling of false ceiling in progress CC levelling course in progress 4) Tile & False ceiling work in progress
22	Special repairs to Golden Jubilee Building including Replacement of Damaged Flooring, False ceiling, Internal painting, External painting, Partition work and Miscellaneous works in the Golden Jubilee Building at NIT Rourkela, Odisha	12,99,63,000	NITR/ RC/ 2024/ L/ 0543 dated 31.07.2024	1,30,00,000.00											
23	Additional development, Road and Parking for Sports & Common Facilities Complex and 1000 Seated Open Air Theatre at NIT Rourkela as per Layout Plan Approved by Rourkela Municipality Corporation (RMC), Rourkela (Odisha)	3,99,57,000	The Registrar, NIT Rourkela a recent vide letter no. NITR/RC/2024/L/0092 Dated 05.10.2024	1,33,00,000.00	Letter of Acceptance Issued to Agency on dt.12.12.2024	Shri Ajay Singh	03/ER/RKL/CPWD/2024-25	Rs.2,50,84,402.00	21.12.2024	20.3.2025	20.6.2025		15%		1) Levelling dressing PCC and boundary wall footing works in progress

Status of Construction of Academic building of National Institute of Technology, Rourkela at Bhubaneswar

As on 27.03.2025

Sl. No.	Executing Agency (PMC)	Description of Project, (including components)	Approved Cost (A/A & E/S)	Date of Sanction	Actual Date of Start of Project	Stipulated Date of Completion	Expected Date of Completion	Financial Progress details for previous quarter (In Crore)	Physical Progress of work of previous quarter (%)	Financial Progress details during the quarter (Cr.)	Actual Progress achieved during the quarter (%)	Cumulative Financial Progress till present quarter (In Cr) (up to 01.01.2025)	Cumulative Physical Progress till present quarter (%)	Financial Progress till present quarter (%)	Expenditure incurred till the previous quarter (Cr.)	Additional Expenditure incurred during the quarter (Cr.)	Cumulative Expenditure incurred till date (Cr.)	Fund already Received (in Cr)	Balance fund lying as on date (in Cr)	Remarks
1	CPWD, BBSR	Construction of Academic Building of NIT Rourkela at Bhubaneswar i/c IWS, SI, IEI and lift etc.	19.93 Cr.	07-04-2021	20.01.2022	31.12.2023 (extended date up to 31.10.2024)	31.05.2025	C=12.78 E=1.18 Total-13.96	76%	C=2.47	17%	16.43	93%	87%	C=12.78 E=1.18 Total-13.96	C=2.47	C=15.25 E=1.18 Total-16.43	20.00 Crore (Fund transfer to Elect Rs.2.8 Cr)	2.30	Delay due to modification /changes in drawing by Client department. Fund demanded for Rs. 1.52 Crore including additional demand towards difference GST @ 6% as per Govt. order and reimbursement of Rs.25,89,290/- paid to BMC.

Status of On-going Electrical works by CPWD at NIT, Rourkela up to 27.03.2025

Sl. No.	Name of the Work	AA & ES of PE		Fond Deposited by Client	Tendering Status	Name of the Executing Agency	Agreement No. & Date	Awarded Value of the Work	Date of Commencement	Stipulated Date of Completion	Revised date Date of Completion	Upto date Expenditure made by CPWD	Present Status of the Work		Remarks
		Amount (Rs.)	Date of Sanction										Physical (%)	Financial (%)	
1	HVAC project for golden jubilee building, Mech science building & lecture complex-I/ i/c plant room and SITC of Substation for AC plant I NIT rourkela(SH: SITC of HVAC system for 3-years on EPC basis	29,12,34,000.00	Registrar NIT R No: NITR/ RG/ 2021/ L/ 0597 dated 28.07.2021	19,83,75,490.00	Work Completed	M/s Ultra Construction Private Limited	3/EE(E)-Sambalpur/ 2022-23	19,52,40,000.00	20.12.2022	19.08.2023	30.04.2024	19,63,78,798.00	100%	93.00%	1. High side of HVAC plant completed. 2. Supplementory Agreement for O and M done. 3. Rectification and restoration Low side of HVAC of GJB. Mechanical science building, LC-11 building completed.
2	Fire Fighting works, Pressurization of lift lobby, staircase and ventilator of corridor for Golden Jubilee building at NIT Rourkela	4,55,17,000.00	Registrar NIT R No: NITR/ RG/ 2023/ L/ 0146 dated 22.02.2023	1,51,70,816.00		M/s Ultra Construction Private Limited	06/EE(E)-Sambalpur/CPWD/Sambalpur/2024-25	3,90,00,884.00	24.12.2024	23.03.2025	25.06.2025	33,80,235.00			1. All light fittings received at site. 2. Pressurization and ventilation work completed.
3	Special repair of Golden Jubilee Building at NIT Rourkela. Odisha (Restoration of Fire fighting and fire alarm of GIB and installation of PA system and Signage)	4,83,00,000.00	NITR/ RG/ 2024/ L/ 0447 dated 06.06.2024		Letter of Contract issued to agency on 27.08.2024.	M/S Paramount Building Solution	03/EE(E)-Sambalpur/CPWD/Sambalpur/2024-25	83,77,318.37	27.08.2024	05.03.2025	30.04.2025		75%	35%	1. Dismantling and replacement of defective valves. 2. Repairing of pumps. 3. Installation of terrace pumps completed.

Annexure-A4



Annexure - AS

भारत सरकार

Government of India

केंद्रीय लोक निर्माण विभाग

Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला का कार्यालय
केंद्रीय लोक निर्माण विभाग
बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
परिसर, राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD
B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



ई-मेल/Email: se-rourkela@cpwd.gov.in

PRELIMINARY ESTIMATE

Name of Work	: Road resurfacing work for the internal road of NIT, Rourkela, Odisha
Estimate No.	: 38/PE /SE-Rourkela/CPWD/2024-25
PE Amount	: Rs. 1,99,98,000/- i/c Contingencies
Location	: NIT Rourkela, Odisha.
Time	: 5 Months after accord of A/A & E/S and deposit of fund whichever is later.
YEAR	: 2024-25

Superintending Engineer- Rourkela
CPWD, Rourkela (Odisha)
(E- mail: se-rourkela@cpwd.gov.in)



भारत सरकार

Government of India

केंद्रीय लोक निर्माण विभाग

Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला कार्यालय

केंद्रीय लोक निर्माण विभाग

बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला परिसर,
राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD

B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



स. राम साहु

ई-मेल/Email: se-rourkela@cpwd.gov.in

STATE: ODISHA

BRANCH: B & R

DIVISION: Rourkela

PE No.: 38 / PE/SE- Rourkela/2024-25

Name of Works: -Road resurfacing work for the internal road of NIT Rourkela, Odisha.

Major Head	Minor Head	Detailed Head
8443-Deposit		

This Preliminary Estimate amounting to **Rs. 1,99,98,000/-** i/c cost Index of Rourkela @ 9%, EPF and ESI charges @ 0.79% (for Road work) and Contingencies @ 3% has been prepared by Er. Shri Ram Sahu, Executive Engineer-Rourkela, CPWD, Rourkela and further processed in the Office of Superintending Engineer-Rourkela, CPWD, Rourkela (Odisha).

HISTORY REPORT

The Preliminary Estimate amounting to **Rs. 1,99,98,000/-** including Cost Index of Rourkela @ 9%, EPF and ESI charges @ 0.79% and Contingencies @ 3% has been framed to cover the probable cost of the work for obtaining the Administrative Approval and Expenditure Sanction of the competent Authority.

This Preliminary Estimate has been prepared on the basis of requisition received via e-mail dated 27/3/2025 from the Dean (P & D), NIT, Rourkela and as per the meeting held in the office of the Director, NIT, Rourkela, Odisha.

Design & Scope:

Following provisions have been kept in the estimate:

- 1) Preparing the road surface by cleaning with mechanical broom.
- 2) Providing and applying tack coat using bitumen emulsion.
- 3) Providing and laying Bituminous concrete of 40/50 mm compacted thickness, using crushed stone aggregates of specified grading, premixed with bituminous binder and filler.
- 4) Providing and applying 2.5 mm thick road marking strips (retro- reflective) of specified shade/ colour using hot thermoplastic material.

Cost	: Rs.1,99,98,000/- EPF and ESI charges@ 0.79% and contingencies @ 3%.	
Rate	: DSR-2023 enhanced with cost index	
T & P	: Will be arranged by the contractor.	
Method	: By contract after call of tender.	
Land	: Available.	
Specification	: As per CPWD Specification 2023 Vol-I &II with up-to-date correction slip	
Time	: i) Planning, Designing and Tendering	: 02 Months
	ii) Execution	: 03 Months
	Total	: 05 Months

Notes.

1. The cost and time projected in the Preliminary Estimate is liable for revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specification etc. if so desired by the client at a later date. This estimated cost is valid for a period of one year from the date of submission of this PE cum Detailed Estimate.
2. Obligation of the Client Department:
 - (i) After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to Local Bodies (including Environmental clearance) whose approvals are required before taking up the construction work. These Local bodies are independent organizations and CPWD has no control over them. The time required to get such approvals is not included in the time of construction indicated in the estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client department also to pursue with Local Bodies for early approval.
 - (ii) CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
 - (iii) Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
 - (iv) The CPWD has no funds of its own for investing in the work. The client department should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it may be necessary for CPWD to suspend/ abandon the work. In such eventuality, the client department shall solely responsible for all the consequences arising out of such stoppage/abandonment of work including claims of contractors for compensation/ damages. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.
 - (v) Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by award of an Arbitrator in relation to the work will be made

available by the client department promptly irrespective of it not being a party before the Court, Tribunal or Arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.

- (vi) In the event of delay in taking over completed Project or completed Components of the Project independently as per phasing mutually agreed with client without awaiting the completion of the entire project, charges on security, re-finishing and re-commissioning, conservancy charges etc. is to be borne by the client.
- (vii) The client department will help CPWD in –
- a) Providing site for labour huts for the contractor's labour free of cost,
 - b) Providing easy access to work site/place of work,
 - c) Providing free access to contractor's materials and labour to the site of work,
 - d) Providing electricity connection for execution of work on payment of usual charges, and
 - e) Sanction and release of load from the concerned Electricity Board/Authority.



AE, O/o EE-Rourkela



AE(P), O/o SE-Rourkela


EE-Rourkela, CPWD
SE-Rourkela, CPWD

PRELIMINARY ESTIMATE


Name of work:- Road resurfacing work for the internal road of NIT Rourkela, Odisha.

SLNo	DSR 2023	Description	Qty	Unit	Rate	Amount
1	16	ROAD WORK				
1.1	16.31	Providing and applying tack coat using bitumen emulsion conforming to IS:8887, using emulsion pressure distributor including preparing the surface & cleaning with mechanical broom.				
1.1.1	16.31.2	With medium setting bitumen emulsion				
1.1.1.1	16.31.2.2	On bituminous surface @ 0.25kg/sqm	29015	sqm	14.05	407661.00
1.2	16.57	Providing and laying Bituminous concrete using crushed stone aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site by tippers, laying with paver finisher equiped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction and density as per specification, complete and as per directions of Engineer-in-Charge.				
1.2.1	16.57.5	40/50 mm compacted thickness with bitumen of grade VG- 30 @ 5.5% (percentage by weight of total mix) and lime filler @ 3% (percentage by weight of Aggregate) prepared in drum Type Hot Mix Plant of 60-90 TPH capacity.	1451	cum	12026.80	17450887.00

1.3	16.62	Providing and applying 2.5 mm thick road marking strips (retro-reflective) of specified shade/ colour using hot thermoplastic material by fully/ semi automatic thermoplastic paint applicator machine fitted with profile shoe, glass beads dispenser, propane tank heater and profile shoe heater, driven by experienced operator on road surface including cost of material, labour, T&P, cleaning the road surface of all dirt, seals, oil, grease and foreign material etc. complete as per direction of Engineer-in-charge and accordance with applicable specifications.				
			413	sqm	747.80	308841.00
		Total				1,81,67,369.00
		Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973				1,76,76,869.00
		Cost Index @9% on DSR 2023				15,90,918.00
		Total			(A)	1,92,67,787.00
		Add EPF & ESI charges @ 0.79% on (A)				1,52,216.00
		Contingencies @ 3% on (A)				5,78,034.00
		Grand Total				1,99,98,037.00
		Say				1,99,98,000.00


Assistant Engineer
CPWD, Rourkela


AE (P)
O/SB-Rourkela


Executive Engineer-Rourkela
CPWD, Rourkela

Request for Urgent Estimates for Maintenance Works at NIT Rourkela

D(DEAN (PD) <dean-pd@nitrkl.ac.in>
Thu, 27 Mar 2025 6:44:32 PM +0530
To "Ahijit Roy" <se-rourkela@cpwd.gov.in>
Cc "eerourkelacpwd" <eerourkelacpwd@gmail.com>, "Prof. K. Umamaheshwar Rao" <director@nitrkl.ac.in>

Dear Sir,

Greetings from NIT Rourkela!

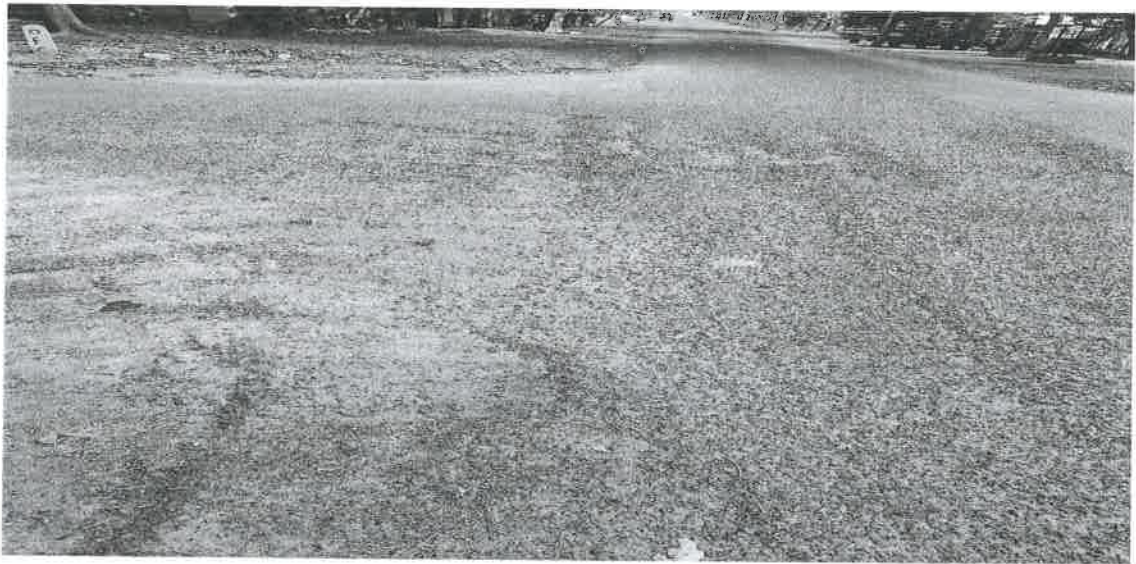
I request you to kindly send us detailed estimates for the following urgent maintenance works within the NIT Rourkela campus:

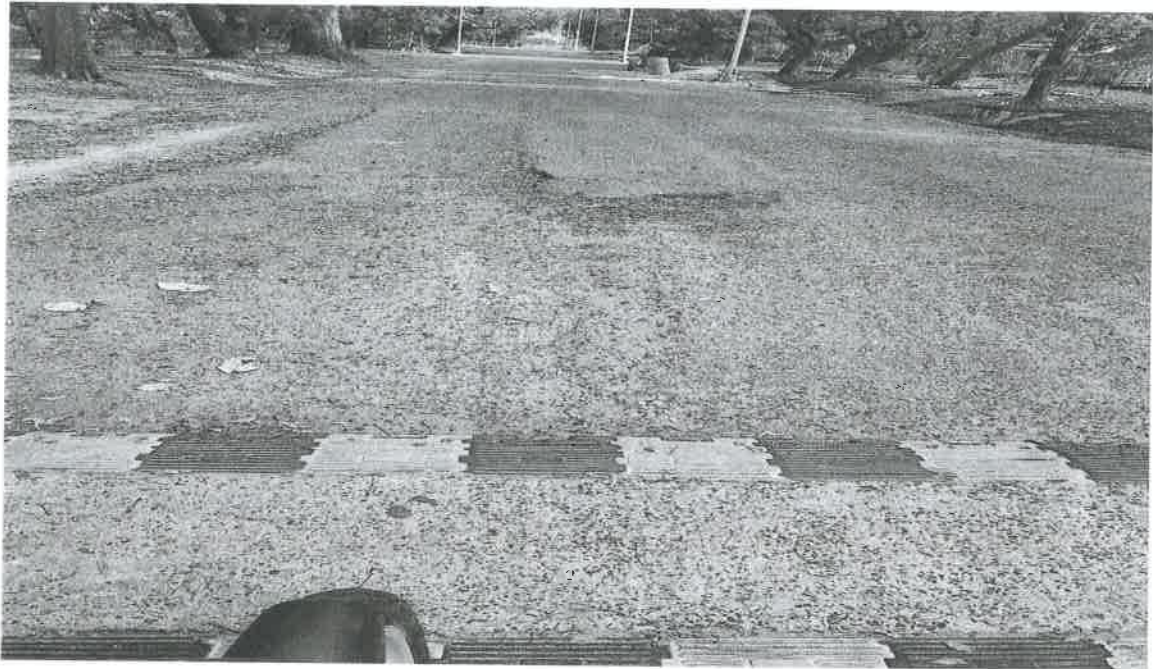
- (i) Road Resurfacing Work for the Internal Roads of NIT Rourkela
- (ii) External Painting of Residential Buildings of NIT Rourkela
- (iii) Restoration of Unlined Storm Water Drain inside NIT Rourkela Campus – Conversion of the existing unlined stormwater drains into concrete drains

The scope and volume of work were discussed during today's meeting held at the office of the Director, NIT Rourkela. Given the urgency of these maintenance tasks, we request CPWD Rourkela to kindly provide separate preliminary estimates for each of the aforementioned works at the earliest.

Thank you
Best regards,
Dean (P&D)









भारत सरकार
Government of India
केंद्रीय लोक निर्माण विभाग
Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला का कार्यालय
केंद्रीय लोक निर्माण विभाग
बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
परिसर, राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD
B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



ई-मेल/Email: se-rourkela@cpwd.gov.in

PRELIMINARY ESTIMATE

Name of Work : External painting of Residential Buildings of NIT Rourkela, Odisha.

Estimate No. : 40/PE /SE-Rourkela/CPWD/2024-25

PE Amount : Rs. 1,99,94,000/- i/c Contingencies

Location : NIT Rourkela, Odisha.

Time : 8 Months after accord of A/A & E/S and deposit of fund whichever is later.

YEAR : 2024-25

Superintending Engineer- Rourkela
CPWD, Rourkela (Odisha)
(E- mail: se-rourkela@cpwd.gov.in)



भारत सरकार

Government of India

केंद्रीय लोक निर्माण विभाग

Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला कार्यालय

केंद्रीय लोक निर्माण विभाग

बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला परिसर,
राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD

B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



ई-मेल/Email: se-rourkela@cpwd.gov.in

STATE: ODISHA

BRANCH: B & R

DIVISION: Rourkela

PE No.: 40/ PE/SE- Rourkela/2024-25

Name of Works: -External painting of Residential Buildings of NIT Rourkela, Odisha.

Major Head	Minor Head	Detailed Head
8443-Deposit		

This Preliminary Estimate amounting to **Rs. 1,99,94,000/-** i/c cost Index of Rourkela @ 9%, EPF and ESI charges @ 3.94% and Contingencies @ 3% has been prepared by Er. Shri Ram Sahu, Executive Engineer-Rourkela, CPWD, Rourkela and further processed in the Office of Superintending Engineer-Rourkela, CPWD, Rourkela (Odisha).

HISTORY REPORT

The Preliminary Estimate amounting to **Rs. 1,99,94,000/-** including Cost Index of Rourkela @ 9%, EPF and ESI charges @ 3.94% and Contingencies @ 3% has been framed to cover the probable cost of the work for obtaining the Administrative Approval and Expenditure Sanction of the competent Authority.

This Preliminary Estimate has been prepared on the basis of requisition received via e-mail dated 27/3/2025 from the Dean (P & D), NIT, Rourkela and as per the meeting held in the office of the Director, NIT, Rourkela, Odisha.

Design & Scope:

Following provisions have been kept in the estimate:

- 1) Preparation of wall surface smooth by scrapping and sand papering.
- 2) Repairs to plaster of required thickness in patches, wherever required.
- 3) Providing and applying white cement-based putty
- 4) Applying priming coats with primer of approved brand on wall surface.
- 5) Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade.

6) Painting with synthetic enamel paint of approved brand for steel work of required shade.

Cost	:	Rs. 1,99,94,000/- EPF and ESI charges@ 3.94% and contingencies @ 3%.
Rate	:	DSR-2023 enhanced with cost index
T & P	:	Will be arranged by the contractor.
Method	:	By contract after call of tender.
Land	:	Available.
Specification	:	As per CPWD Specification 2023 Vol-I &II with up-to-date correction slip
Time	:	i) Planning, Designing and Tendering : 02 Months
		ii) Execution : 06 Months
		Total : 08 Months

Notes.

1. The cost and time projected in the Preliminary Estimate is liable for revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specification etc. if so desired by the client at a later date. This estimated cost is valid for a period of one year from the date of submission of this PE cum Detailed Estimate.
2. Obligation of the Client Department:
 - (i) After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to Local Bodies (including Environmental clearance) whose approvals are required before taking up the construction work. These Local bodies are independent organizations and CPWD has no control over them. The time required to get such approvals is not included in the time of construction indicated in the estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client department also to pursue with Local Bodies for early approval.
 - (ii) CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
 - (iii) Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
 - (iv) The CPWD has no funds of its own for investing in the work. The client department should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it may be necessary for CPWD to suspend/ abandon the work. In such eventuality, the client department shall solely responsible for all the consequences arising out of such stoppage/abandonment of work including claims of contractors for compensation/ damages. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.

- (v) Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by award of an Arbitrator in relation to the work will be made available by the client department promptly irrespective of it not being a party before the Court, Tribunal or Arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.
- (vi) In the event of delay in taking over completed Project or completed Components of the Project independently as per phasing mutually agreed with client without awaiting the completion of the entire project, charges on security, re-finishing and re-commissioning, conservancy charges etc. is to be borne by the client.
- (vii) The client department will help CPWD in –
 - a) Providing site for labour huts for the contractor's labour free of cost,
 - b) Providing easy access to work site/place of work,
 - c) Providing free access to contractor's materials and labour to the site of work,
 - d) Providing electricity connection for execution of work on payment of usual charges, and
 - e) Sanction and release of load from the concerned Electricity Board/Authority.



AE, O/o EE-Rourkela



AE(P), O/o SE-Rourkela



EE-Rourkela, CPWD



SE-Rourkela, CPWD

PRELIMINARY ESTIMATE

Name of work:- External painting of Residential Buildings of NIT Rourkela, Odisha.

SLNo	DSR 2023	Description	Qty	Unit	Rate	Amount
1	13	FINISHING				
1.1	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	44000	Sqm	156.05	6866200.00
1.2	13.85	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.				
1.2.1	13.85.3	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	44000	sqm	73.95	3253800.00
1.3	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	44000	sqm	25.15	1106600.00
1.4	13.99	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:				
1.4.1	13.99.1	One or more coats on old work	4000	sqm	102.80	411200.00
1.5	13.112	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade				
1.5.1	13.112.1	Old work (Two or more coats applied @ 1.43 V/ 10 sqm) over existing cement paint surface	44000	sqm	131.30	5777200.00
2	14	REPAIRS TO BUILDING				

2.1	14.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
2.1.1	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	390	sqm	547.40	213486.00
		Total				1,76,28,486.00
		Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973				1,71,52,516.88
		Cost Index @9% on DSR 2023				15,43,726.52
		Total			(A)	1,86,96,243.40
		Add EPF & ESI charges @ 3.94% on (A)				7,36,631.99
		Contingencies @ 3% on (A)				5,60,887.30
		Grand Total				1,99,93,762.69
		Say				1,99,94,000.00

AE
AE 5

ABLPJ
o/o SE Rourkela

FE-RKL

Request for Urgent Estimates for Maintenance Works at NIT Rourkela

D(DEAN (PD) <dean-pd@nitrkl.ac.in>
Thu, 27 Mar 2025 6:44:32 PM +0530
To "Ahijit Roy" <se-rourkela@cpwd.gov.in>
Cc "eerourkelacpwd" <eerourkelacpwd@gmail.com>, "Prof. K. Umamaheshwar Rao"
<director@nitrkl.ac.in>

Dear Sir,

Greetings from NIT Rourkela!

I request you to kindly send us detailed estimates for the following urgent maintenance works within the NIT Rourkela campus:

- (i) Road Resurfacing Work for the Internal Roads of NIT Rourkela
- (ii) External Painting of Residential Buildings of NIT Rourkela
- (iii) Restoration of Unlined Storm Water Drain inside NIT Rourkela Campus – Conversion of the existing unlined stormwater drains into concrete drains

The scope and volume of work were discussed during today's meeting held at the office of the Director, NIT Rourkela. Given the urgency of these maintenance tasks, we request CPWD Rourkela to kindly provide separate preliminary estimates for each of the aforementioned works at the earliest.

Thank you
Best regards,
Dean (P&D)







भारत सरकार

Government of India

केंद्रीय लोक निर्माण विभाग

Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला का कार्यालय
केंद्रीय लोक निर्माण विभाग
बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला
परिसर, राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD
B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



ई-मेल/Email: se-rourkela@cpwd.gov.in

PRELIMINARY ESTIMATE

Name of Work	: Restoration of unlined Storm water drain inside NIT Rourkela Campus, Odisha.
Estimate No.	: 39/PE /SE-Rourkela/CPWD/2024-25
PE Amount	: Rs. 1,16,51,000/- i/c Contingencies
Location	: NIT Rourkela, Odisha.
Time	: 8 Months after accord of A/A & E/S and deposit of fund whichever is later.
YEAR	: 2024-25

Superintending Engineer- Rourkela
CPWD, Rourkela (Odisha)
(E- mail: se-rourkela@cpwd.gov.in)



भारत सरकार

Government of India

केंद्रीय लोक निर्माण विभाग

Central Public Works Department



अधीक्षण अभियन्ता-राउरकेला कार्यालय
केंद्रीय लोक निर्माण विभाग
बी-10, राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला परिसर,
राउरकेला, ओडिशा, पिन-769008

O/o The Superintending Engineer
Rourkela, CPWD
B-10, NIT Rourkela Campus
Rourkela, Odisha, Pin-769 008



ई-मेल/Email: se-rourkela@cpwd.gov.in

STATE: ODISHA

BRANCH: B & R

DIVISION: Rourkela

PE No.: 39/ PE/SE- Rourkela/2024-25

Name of Works: -Restoration of unlined Storm water drain inside NIT Rourkela Campus, Odisha.

Major Head	Minor Head	Detailed Head
8443-Deposit		

This Preliminary Estimate amounting to **Rs. 1,16,51,000/-** i/c cost Index of Rourkela @ 9%, EPF and ESI charges @ 3.94% and Contingencies @ 3% has been prepared by Er. Shri Ram Sahu, Executive Engineer-Rourkela, CPWD, Rourkela and further processed in the Office of Superintending Engineer-Rourkela, CPWD, Rourkela (Odisha).

HISTORY REPORT

The Preliminary Estimate amounting to **Rs. 1,16,51,000/-** including Cost Index of Rourkela @ 9%, EPF and ESI charges @ 3.94% and Contingencies @ 3% has been framed to cover the probable cost of the work for obtaining the Administrative Approval and Expenditure Sanction of the competent Authority.

This Preliminary Estimate has been prepared on the basis of requisition received via e-mail dated 27/3/2025 from the Dean (P & D), NIT, Rourkela and as per the meeting held in the office of the Director, NIT, Rourkela, Odisha.

Design & Scope:

Following provisions have been kept in the estimate as per the sketch of cross section of Drain received from NIT, Rourkela.

- 1) Earth work in excavation by mechanical means of required length.
- 2) Providing and laying PCC 1:4:8 for foundation work for drain.
- 3) Providing and laying RCC 1:1.5:3 for drain wall and on base.
- 4) Finishing of wall with 12 mm Cement plaster with a floating coat of neat cement.

5) Back filling with available earth on out sides of drain.

Cost	: Rs. 1,16,51,000/- EPF and ESI charges@ 3.94% and contingencies @ 3%.
Rate	: DSR-2023 enhanced with cost index
T & P	: Will be arranged by the contractor.
Method	: By contract after call of tender.
Land	: Available.
Specification	: As per CPWD Specification 2023 Vol-I &II with up-to-date correction slip
Time	: i) Planning, Designing and Tendering : 02 Months
	ii) Execution : 06 Months
	Total : 08 Months

Notes.

1. The cost and time projected in the Preliminary Estimate is liable for revision due to probable escalation in cost of construction apart from reasons such as change in scope, area, design and specification etc. if so desired by the client at a later date. This estimated cost is valid for a period of one year from the date of submission of this PE cum Detailed Estimate.
2. Obligation of the Client Department:
 - (i) After receipt of A/A & E/S from the client department, the CPWD will prepare and submit various detailed architectural drawings and service plans to Local Bodies (including Environmental clearance) whose approvals are required before taking up the construction work. These Local bodies are independent organizations and CPWD has no control over them. The time required to get such approvals is not included in the time of construction indicated in the estimate. Although CPWD will make all efforts to get such approvals early, it may be necessary for the client department also to pursue with Local Bodies for early approval.
 - (ii) CPWD does not bind itself to complete the work within the estimated cost. Necessary revised estimate will be submitted when scope of work is increased/changed or there is deviation in quantities executed.
 - (iii) Any dispute arising out of the operation of the contract(s) for the subject work will be subject to arbitration as provided for in the contract agreement. CPWD will defend the arbitration proceedings as best as it can and get the Arbitrator's award examined by the appropriate authority. The decision of the competent authority in CPWD to accept the award or to challenge the same in a Court of Law will be binding on the client department.
 - (iv) The CPWD has no funds of its own for investing in the work. The client department should, therefore, ensure that adequate funds are available with CPWD for executing the work. In case the client department fails to provide funds as per requirements, it may be necessary for CPWD to suspend/ abandon the work. In such eventuality, the client department shall solely responsible for all the consequences arising out of such stoppage/abandonment of work including claims of contractors for compensation/ damages. If additional funds are required, the same will have to be provided by the client department on the Revised Estimates submitted by CPWD.

- (v) Funds for making payment of all amounts which may be decreed by a Court of Law, Tribunal or by award of an Arbitrator in relation to the work will be made available by the client department promptly irrespective of it not being a party before the Court, Tribunal or Arbitrator. Such payments will be in addition to the payments made to the contractors for execution of work.
- (vi) In the event of delay in taking over completed Project or completed Components of the Project independently as per phasing mutually agreed with client without awaiting the completion of the entire project, charges on security, re-finishing and re-commissioning, conservancy charges etc. is to be borne by the client.
- (vii) The client department will help CPWD in –
 - a) Providing site for labour huts for the contractor's labour free of cost,
 - b) Providing easy access to work site/place of work,
 - c) Providing free access to contractor's materials and labour to the site of work,
 - d) Providing electricity connection for execution of work on payment of usual charges, and
 - e) Sanction and release of load from the concerned Electricity Board/Authority.



AE, O/o EE-Rourkela



AE(P), O/o SE-Rourkela



EE-Rourkela, CPWD



SE-Rourkela, CPWD

PRELIMINARY ESTIMATE

Name of work:- Restoration of unlined Storm water drain inside NIT Rourkela Campus, Odisha.

SLNo	DSR 2023	Description	Qty	Unit	Rate	Amount
1	2	EARTH WORK				
1.1	2.8	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
1.1.1	2.8.1	All kinds of soil.	1224	cum	260.30	318607.00
1.2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lif.	1096	cum	196.00	214816.00
1.3	2.27(MR)	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.	43	cum	2123.75	91321.00
1.4	2.32	Clearing grass and removal of the rubbish up to a distance of 50 m outside the periphery of the area cleared.	1020	sqm	8.95	9129.00
2	4	CEMENT CONCRETE (CAST IN SITU)				
2.1	4.1	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	4.1.3	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)	26	cum	7878.50	204841.00

2.1.2	4.1.8	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)	85	cum	6812.00	579020.00
2.2	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for:				
2.2.1	4.3.1	Foundations, footings, bases for columns	340	sqm	392.15	133331.00
3	5	REINFORCED CEMENT CONCRETE				
3.1	5.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
3.1.1	5.1.2	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)	204	cum	9045.75	1845333.00
3.2	5.9	Centering and shuttering including strutting, propping etc. and removal of form for				
3.2.1	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	2890	sqm	842.50	2434825.00
3.3	5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
3.3.1	5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	30600	kg	107.85	3300210.00
4	13	FINISHING				
4.1	13.9	Cement plaster 1:3(1 cement: 3 coarse sand) finished with a floating coat of neat cement.				
4.1.1	13.9.1	12 mm cement plaster	2550	sqm	449.55	1146353.00
		Total				1,02,77,786.00
		Market rate total			91321.00	
		DSR items total			10186465.00	
		Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 on DSR items				99,11,430.00

		Cost Index @9% on DSR 2023				8,92,029.00
		Total				1,08,03,459.00
		Market rate item total				91,321.00
		Total				1,08,94,780.00
		Add EPF & ESI charges @ 3.94% on (A)				4,29,254.00
		Contingencies @ 3%on (A)				3,26,843.00
		Grand Total				1,16,50,877.00
		Say				1,16,51,000.00


Assistant Engineer
CPWD, Rourkela


AE (P)
eto SE-Rourkela


Executive Engineer-Rourkela
CPWD, Rourkela

Request for Urgent Estimates for Maintenance Works at NIT Rourkela

D(DEAN (PD) <dean-pd@nitrkl.ac.in>
Thu, 27 Mar 2025 6:44:32 PM +0530
To "Ahijit Roy" <se-rourkela@cpwd.gov.in>
Cc "eerourkelacpwd" <eerourkelacpwd@gmail.com>, "Prof. K. Umamaheshwar Rao" <director@nitrkl.ac.in>

Dear Sir,

Greetings from NIT Rourkela!

I request you to kindly send us detailed estimates for the following urgent maintenance works within the NIT Rourkela campus:

- (i) Road Resurfacing Work for the Internal Roads of NIT Rourkela
- (ii) External Painting of Residential Buildings of NIT Rourkela
- (iii) Restoration of Unlined Storm Water Drain inside NIT Rourkela Campus – Conversion of the existing unlined stormwater drains into concrete drains

The scope and volume of work were discussed during today's meeting held at the office of the Director, NIT Rourkela. Given the urgency of these maintenance tasks, we request CPWD Rourkela to kindly provide separate preliminary estimates for each of the aforementioned works at the earliest.

Thank you
Best regards,
Dean (P&D)

