



National Institute of Technology
Rourkela – 769 008(Orissa)

MINUTES OF THE 7th MEETING OF BUILDING & WORKS COMMITTEE OF NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA HELD ON 18th JULY, 2007 AT 09.30 AM IN THE BOARD ROOM OF NIT, ROURKELA

Members Present:

1. Prof. Sunil Kumar Sarangi,
Director and Chairman
Building & Works Committee
NIT Rourkela.
2. Prof. J.K. Satpathy,
Dean (Admn.)
Professor, Electrical Engg., NIT., Rourkela.
3. Prof. P.K. Nanda,
Professor, Electrical Engg., NIT., Rourkela
4. Prof. S.P.Singh,
Asst. Professor,
Civil Engineering, NIT., Rourkela.
5. Prof. C.R. Patra,
Asst. Professor, Civil Engg., NIT Rourkela
6. Prof. A. K. Sahoo
Civil Engineering Department, NIT Rourkela
7. Prof. A. K. Panda,
Visiting Professor, Civil Engg, NIT,Rourkela.
8. Prof. Y.K. Sahu,
Visiting Professor,
Electrical Engg., NIT Rourkela.
9. Er. S.K. Upadhyay,
Registrar & Secretary
Building and Works Committee,
NIT Rourkela.

Members Absent:

1. Mr. S.K. Saha,
Executive Engineer (Civil)
CPWD, A-17/3, Surya Nagar,
Bhubaneswar – 751 003.
2. Mr. A. K. Das,
Asst. Executive Engineer (Civil)
CPWD, A-17/3, Surya Nagar,
Bhubaneswar – 751 003.
3. Mr. S. K. Biswas,
Executive Engineer (Elect.)
CPWD, A-17/3, Surya Nagar,
Bhubaneswar – 751 003.

4. Mr. Madan Mohan,
Director, MHRD (NITs)
Dy. Educational Adviser (NIT),
Minister of HRD, Dept. of Secondary
Education & Higher Education,
Room No. 529-C, Wing, Shastri Bhawan,
New Delhi.
5. Dr. Sanak Mishra
Vice President of Arcelor Mittal &
Chief Executive Officer
Mittal Steel India Limited
11th Floor, A Wing, IFCI Tower
61, Nehru Place, New Delhi – 110 019.
6. Prof. U.K. Mohanty, Dean (PD),
Professor, Met. & Mat. Engg., NIT, Rourkela

The leave of absence was approved for all members absent.

BWC: 7 (2007) - 1 : Welcome to the members by the Chairman.

Prof. S.K. Sarangi, Director, NIT., Rourkela and Chairman, Building & Works Committee welcomed all the members.

BWC: 7 (2007) - 2 : Confirmation of the minutes of the 6th Meeting and matters arising out of the last Building and Works Committee held at the Board Room of NIT, Rourkela on 29.12.2006.

The minutes of the 6th meeting of the BWC held on 29.12.2006 were confirmed.

BWC: 7 (2007) - 3: Report of Action Taken on the Minutes of 6th meeting of the Building and Works Committee held on 29.12.2007 (Friday).

Annexure-I

i) Item No.BWC:6(2006)-8: Construction of 33/11 KV sub-station.

Detailed specification is being worked out as the Transformer capacity is revised. It was decided to go for a turnkey contract from a reputed party. The tendering process will be completed by 15th Aug. 2007 and order will be placed by 15th Sep. 2007 and the work will be completed by 31st March, 2008.

ii) Item No.BWC-6(2006)-9: Proposal for construction of first floor on Control and Robotics Lab (High Voltage Laboratory), Electrical Engineering.

Tendering is in process. It was decided to complete the work by December, 2007.

iii) Item No.BWC-6(2006)-11: Proposal for Garage facility in 'B' type quarters and common garages for 'C' and 'D' type quarters.

The scheme is under preparation. It was decided to complete the work by December, 2007

BWC: 7 (2007) - 4: Review of ongoing projects (Civil & Electrical):**DETAILED STATUS OF MAJOR ONGOING WORKS:**

SL.No	Name of Work & Detailed Status
1	<p>Construction of Hostel No-7:</p> <p>Originally, the contract completion period was kept as 1 year expecting that big firms with heavy mobilization capacity will participate. However, only 3 firms in the near by area participate, out of which M/s Isar Engineers Pvt. Ltd. became L1. Considering non- availability of adequate skilled labour at Rourkela and infrastructure available with the contractor, 1 year period of completion is found inadequate. Besides, non-availability of SAIL steel and other building materials at Rourkela have become constrains. However, in July'2006 150 rooms were handed over and now, all the rooms are ready for handing over. Only decorative works are pending.</p> <p>Hot Water Supply System to be done on single tender basis based on the recommendation of the consultant. This was approved by the B & W Committee.</p>
2	<p>Construction of New Guest House:</p> <p>The delay is due to the reasons similar to Item No.1. Further, specialized kitchen equipment are awaited for commissioning in the kitchen.</p>
3	<p>New Water Treatment Plant:</p> <p>The specifications have been prepared by M/s Dastur & Co, Kolkata. There has been some changes in the specification submitted by M/s Dastur & Co. as suggested by NIT. Finally, LOI has been placed at a value of Rs.1.6 Crores to M/s B. M. Builders, Bhubaneswar.</p>
4	<p>Renovation of Hostel No-1:</p> <p>Married Research students are staying in faculty accommodation (BF type). To cater to the additional demand of residence, it has been decided to renovate Hostel No-1 for Research Scholars with kitchen and toilet facility. Specification and Drawings have been prepared by M/s Design Techno, Cuttack. Offers from 4 firms were received out of which M/s Dua Auto Agency and M/s Master Construction were disqualified on technical grounds and finally work has been awarded to M/s P. K. Rout. 15 rooms are expected to be ready by 31-07-2007.</p>
5	<p>Development work of Hostel No-7:</p> <p>It is felt necessary to construct 2 cycle sheds, boundary wall, landscaping, road and pathways etc for which it has been decided to split into 4 separate packages to expedite construction. Offers from 6 firms were received from which M/s Pasayat Builders have been disqualified by the verifying committee on the quality of work done at NIT. LOI's have been issued to 4 firms and work has been started.</p>

STATUS OF MAJOR PROJECTS IN THE PIPE LINE

SL. No	Name of Work and Detailed Status
1	<p>Construction of New 1000 seated Hostel (Estimated Cost Rs.20 Crores):</p> <p>The work has been assigned to Architect, M/s Vastukar, Bhubaneswar. Their responsibility also includes project management and certification of bills. Tender documents are ready and tendering process will start soon. Already 11 firms have been pre-qualified based on open advertisement in All India News Papers and NIT website. The list is given below. The tenders will be invited as cost plus percentage basis.</p> <p><u>LIST OF PREQUALIFIED FIRMS FOR MAJOR PROJECTS:</u></p> <ol style="list-style-type: none"> 1. M/s Engineering Projects (I) Ltd. 2. M/s Uttar Pradesh Rajakiya Nigam Ltd. 3. M/s Larsen & Toubro Ltd. 4. M/s Nagarjuna Construction Company Limited. 5. M/s Shapoorji Pallonji & Co. Limited. 6. M/s Ahluwalia Contracts (I) Ltd. 7. M/s Gammon India Ltd. 8. M/s Consolidated Construction Consortium Ltd. 9. M/s IVRCL Infrastructure & Projects Ltd. 10. M/s Unity Infrastructure Projects Ltd. 11. M/s Simplex Infrastructure Limited.
2	<p>New Lecture Hall Complex, Academic Buildings for Bio-Technology & Electrical Sciences and New Residential Faculty Qtrs. (60 Nos) (Total estimated value Rs.42 Crores):</p> <p>The work has been assigned to M/s Arch-en-design, New Delhi. Their responsibility also includes project management and certification of bills. Tender documents are ready. Tendering process will start soon. Already 11 firms have been pre-qualified based on open advertisement in All India News Papers and NIT website. The list is given above. The tenders will be invited as cost plus percentage basis.</p>
3	<p>Renovation of Sewerage System:</p> <p>M/s Environmental Engineers Consortium, Kolkata are the consultants for this. The scheme is under preparation. On receipt of the tender documents & BOQ, tendering action will be initiated.</p>
4	<p>Swimming Pool (22 X 50m), (Diving Pool Size 12m X 7.5m), (Estimated Cost Rs.240 Lakhs):</p> <p>M/s Nav Nirman Development Consultants (P) Ltd., Pune have been assigned with this job. The scheme is frozen. The consultants are preparing detailed specifications, drawings and BOQ.</p>
5	<p>Extension & Renovation of Library Building. (Estimated Cost Rs.60 lakhs):</p> <p>M/s Space Arch, Bhubaneswar has been approved as Architect. The tender opening will be on 19-07-2007.</p>
6	<p>Renovation of Bachelor's Flat:</p> <p>M/s Space Arch has been approved as Architect. The tender opening will be on 06-08-2007.</p>

7	<p>Renovation of Hall No-2, 3, 4 & 5:</p> <p>In order to increase the capacity of the Halls, it is felt necessary to renovate the existing Halls. M/s Design Techno, Cuttack has been approved as Architect. The scheme is under preparation.</p>
8	<p>Central Air Conditioning System for Academic Buildings, Guest House & A. V. Hall:</p> <p>M/s Design Services, Kolkata have been entrusted with the work. For Guest House, the tender documents have been submitted by the Consultants. After scrutiny, tendering process will be started.</p>
9	<p>Rate contracts for Maintenance Work:</p> <p>Tendering action is in process and the same will be finalized soon.</p>

Annexure –II

BWC: 7 (2007) – 5: Discussion on New Projects.

On going constructions and new projects to be taken up during the year with special reference to:

1) **Construction of Approach Road to E,F & G type of quarters.**

Building Works Committee approved the proposal for construction of approach road to E,F, and G type of quarters.

2) **Construction of SBI building and Post Office near main gate.**

It was decided to take up the issue with SBI, NIT, Campus and Post Master, NIT Post Office. After receiving the scheme, the tendering will be done.

3) **Completion of drainage system inside the Campus.**

It was decided to complete the drain behind the Visitors Hostel with proper grading, so that water logging can be avoided.

BWC: 7 (2007) – 6: Any other item with the permission of the Chair.

1) **Rental charges for newly constructed Amul Parlor, Barber shop and Stationary shop near Hall side canteen (Hexagon).**

It was decided to refer it to Committee on on-campus business for finalization of the rental charges.

2) **Street light in front of newly constructed ‘E’ type flat quarters.**

It was decided to provide street lights in front of newly constructed ‘E’ type of flat quarters.

3) **Completion of Boundary Wall.**

It was decided that the special rate through negotiation will be taken up with the party and the construction of the boundary wall will be started.

4) Approval of Drawing for construction of Nescafe stall near Institute Telephone Exchange and Ladies Hall.

The BWC approved the drawing for construction of Nescafe Stall near Institute telephone exchange and Ladies Hall.

Annexure-III

5) Project Monitoring Cell to be constituted to review progress in every fortnight and the report to be submitted to Director.

i) Dean (PD)	...	Chairman
ii) Professor I/C, Civil Construction	...	Member
iii) Professor I/C, Elect. Construction	...	Member
iv) Prof. A.K. Panda, Visiting Professor, CE	...	Member
v) Prof. Y.K. Sahu, Visiting Professor, EE	...	Member
vi) Registrar	...	Member

It was decided to constitute the Project Monitoring Cell (PMC) to review the progress of major project once in every month (last Wednesday). The Committee is constituted as follows:

Director	...	Chairman
Dean (PD)	...	Member
Professor I/C, Civil Construction	...	Member
Professor I/C, Elect. Construction	...	Member
Prof. A.K. Panda, Visiting Professor, CE	...	Member
Prof. Y.K. Sahu, Visiting Professor, EE	...	Member
Registrar	...	Secretary

6) Renovation of A.V. Hall:

It was decided for complete renovation of A.V. before 4th Convocation in January, 2008. Architect for the above will be appointed soon.

7) Finalization of rate contract for maintenance work:

It was decided to finalize the rate contract for maintenance work for smooth and fast progress.

8) Provision of Lightening arrester in the Institute Building:

It was decided to examine the proposal for providing lightening arrester in the Institute Building for the safety of the equipment and computers. Professor I/C. Electrical construction was requested to implement the above decision.

9) Construction of 2nd Floor in the Department of Metallurgical and Material Sc. Engineering:

BWC examined the proposal for construction of 2nd floor in the Met & Mat. Sc. Engg. Since the building is old and the foundation of the building is not strong, BWC did not approve the proposal.

10) Registration of Electrical Contractors:

BWC approved a list of Electrical Contractors to be registered with NIT Rourkela.

Annexure-IV

11) Policy on performance evaluation of Contractors

The Committee considered the question of performance evaluation of contractors, particularly those who have completed their projects for future assignment of contracts. It was decided to indentify the earlier construction projects where poor work has been done, or where disproportionate amount of supervision had to be spent to ensure quality at every step, and to put the Contractors in a “Forbidden List of Contractors or Vendors. Then contractors will be ineligible for bidding for Institute contracts (works and procurement) for a period of 5 years.

In addition, the Institute shall maintain a list of “restricted List of contractors and vendors”. A vender or contractor will be added to this list if he tries to sell a substandard product, delays delivery beyond reasonable periods, charges clearly unreasonable price, or otherwise acts in bad faith. Names of such firms will be made available to the faculty and officers of the Institute, so that they can take precautionary steps while sending limited tender enquiries.

Listing of firms in any of the 2 lists will be done only on recommendation of a committee headed by a Dean and approved by Director. The list will be reported to BOG from time to time.

The meeting ended with thanks to the Chair.

(S. K. UPADHYAY)
Registrar & Secretary
Building & Works Committee

(Sunil Kr Sarangi)
Director & Chairman
Building & Works Committee

BWC: 7 (2007) - 4: Review of ongoing projects (Civil & Electrical):

4	Renovation of Hostel No-1: Married Research students are staying in faculty accommodation (BF type). To cater to the additional demand of residence, it has been decided to renovate Hostel No-1 for Research Scholars with kitchen and toilet facility. Specification and Drawings have been prepared by M/s Design Techno, Cuttack. Offers from 4 firms were received out of which M/s Dua Auto Agency and M/s Master Construction were disqualified on technical grounds and finally work has been awarded to M/s P. K. Rout. 15 rooms are expected to be ready by 31-07-2007.
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