



**National Institute of Technology
Rourkela**

MINUTES



**32nd Meeting of
Building & Works Committee**

DATE : 04th December, 2018 (Tuesday)
TIME : 10.00 A.M.
VENUE: Board Room, NIT, Rourkela

Minutes of the 32nd Building & Works Committee, National Institute of Technology, Rourkela held at 10.00 AM on 04.12.2018 (Tuesday) in the Board Room of the Institute.

Members Present:

1. **Prof. Animesh Biswas,**
Director & Chairman,
BWC, N.I.T., Rourkela
2. **Shri Ajaya Kr. Nayak, DGM**
PL No.917095
Civil Engineering, Town Engineering Department,
SAIL, RSP, Rourkela., Qr. No.C-2, Sector-1, Rourkela.
3. **Shri Vinod Kr Shrivastava, DGM**
PL. No.041492
Refrigeration & Air Conditioning, RSP,
SAIL, RSP, Rourkela
Qr. No.B/ 56, Sector-5, Rourkela-769 002
4. **Prof. C. R. Patra**
Professor, CE
NIT, Rourkela.
5. **Prof. J. Bera,**
Professor, CR &
Dean (PD), NIT, Rourkela.
6. **Er. S.K. Upadhyay,**
Registrar & Secretary, BWC,
NIT, Rourkela

Invitees Present:

7. **Mr. B. K. Pati,**
Executive Engineer, PWD, Rourkela
8. **Prof. P. Sarkar,**
PIC(Civil Const.), NIT Rourkela
9. **Prof. U. Chattaraj,**
PIC(Civil Maint), NIT, Rourkela
10. **Prof. S. Samanta,**
PIC(Elect. Const.), NIT Rourkela
11. **Prof. S. Karmakar,**
PIC(Elect. Maint.), NIT Rourkela
12. **Prof. S. Murugan,**
PIC(AC), NIT Rourkela
13. **Mr. Joydip Mondal**
Executive Engineer, NIT Rourkela
14. **Mr. Rajesh Sahoo**
Engineer, Estate, NIT Rourkela
15. **Mr. S. Pathak, (Special Invitee)**
Executive Engineer(Civil), CPWD

Member Absent :

1. **Shri Madan Mohan**
DDG(HE), MHRD, New Delhi- 1100012.

A) GENERAL AND PROCEDURAL MATTERS.

BWC: 32 (2018)-01: Welcome to the members by the Chairman.

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

BWC: 32 (2018)-02: Confirmation of the minutes of the 31st Meeting of the BWC held on 08.08.2018.

The minutes of the 31st Meeting were sent to the members. No comments were received from the members.

BWC confirmed the minutes.

[Annexure-A1, Page No. 01-10]

BWC:32 (2018)-03: To report on the action taken on the decisions made in the 31st Meeting of BWC held on 08.08.2018 and to discuss matters arising out of the minutes.

The report on the action taken on the decisions made in the 31st Meeting of the BWC held on 08.08.2018 is presented for BWC's consideration.

The BWC noted the above with the corrections.

[Annexure-A2, Page No.11-12]

B) REVIEW OF ONGOING PROJECTS:

BWC: 32 (2018)-04: Review of ongoing Civil Projects & Project in the Pipeline.

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

- i. It was informed Golden Jubilee Building there are some cracks marked in the pillar and also the entrance canopy to be filled properly. Dean(PD) was advised to take up with the consultant immediately and resolved the issue in consultation with M/s Shapoorji Pallonji Co.*
- ii. Kitchen equipment for hostel will be commissioned by December, 2018.*
- iii. Installation of 1020 kWp Grid connected Solar PV plant on Roof top Installation work is in progress. Commissioned of the plant by January, 2019*

The BWC noted the above.

[Annexure-A3, Page No.13-14]

BWC: 32 (2018)-05: Review of ongoing Electrical Projects & Project in the Pipeline.

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

The BWC noted the above.

[Annexure-A4, Page No. 15-16]

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

BWC: 32 (2018)-06: Proposal for New Projects.

1. Partition work at Various Location of TIIR Building.

Several requisitions come to Estate Maintenance for partition work at various location of TIIR Building for following purpose:-

- Studio room for Planning & Architecture Department.
 - To facilitate the incubates with laboratory for various Government Sponsored projects related entrepreneur ship, innovation & skill development founded by DST.
 - Installation of different instruments for CIF
- In view of the above, an estimate of Rs.29.77 Lakh was made in this regard (copy given in annexure).

BWC approved the proposal.

[Annexure-A5, Page No.17-20]

2. Enforcement of Corridor and Balconies of FRA and FRB.

Presently in FRA and FRB flats balconies and corridor are enforced by steel railing. As many of the occupants are having small kids, so to avoid any mishap there is a demand from FRA & FRB occupants that balconies and corridors are encroached by grill up to roof height. In view of the above, an estimate of Rs.1.07 Crore was made in this regard (copy enclosed in Annexure).

BWC advised Dean (PD) to review the proposal and resubmit it in the next BWC meeting.

[Annexure-A6, Page No.21-22]

3. Annual Maintenance work (Civil).

Presently all the day to day basis maintenance work based on the complaints received from the users was carried out through existing rate contract. The above mentioned works were divided among the enlisted contractor under rate contract for early completion. But CAG Audit objects (Copy enclosed Annexure) the same stating that it is violation of GFR 2017 Rule.

In view of the above, it is proposed to invite open tender for Annual Maintenance work (Civil) as per Institute Purchase Procedure. Earlier the matter has been discussed in the 30th BWC Meeting.

Estimate has been prepared for the above mentioned works this amounts to Rs.1.95Cr.

BWC approved the proposal.

[Annexure-A7, Page No.23-24]

4. Cable Shade room for Electrical Department (Estate).

Presently there is no storage yard for electrical goods such as HT Cables, Scraps and other obsolete material. In view of the above it is proposed that to build a new storage yard for above mentioned electrical good. An estimate of Rs.26, 19,164.00 was made in this regard (Copy enclosed Annexure).

BWC approved the proposal.

[Annexure-A8, Page No.25-26]

5. Multi facility Room at Dilip Tirkey Stadium for SAC.

There was a requirement from student for multi facility room and wash rooms at DTS, P.T Usha and STSC to provide better basic facilities to the students for day to day usages and during Inter NIT or Major fest events. An estimate of Rs.31, 83,220.00 was made in this regard (Copy enclosed Annexure).

BWC approved the proposal.

[Annexure-A9, Page No.27-33]

6. Green lush Grass & Water supply work for Dilip Tirkey Stadium & Sachin Tendulkar Stadium (without fencing).

There was a need from students for plants and sustain the green lush grass with constants water supply at the Sachin Tendulkar Stadium, P.T Usha and Dilip Tirkey Stadium sports complex. It is needed to improve the quality and infrastructure of above mentioned fields. An estimate of Rs.36, 40,576.00 was made in this regard (Copy enclosed Annexure).

BWC approved the proposal.

[Annexure-A10, Page No.34-35]

7. Replacement of O/H 33KV lines near proposed area of Sports Complex.

As the O/H conductor near the proposed area of Sports Complex, which connects S/s 2 to S/s 6&9 for safety purposes these lines to be replaced by U/G cable with an estimate cost of Rs.35 Lakhs.

BWC approved the proposal.

[Annexure-A11, Page No.36-37]

8. Installation High end equipment to cater air-conditioning system for GJB, LC-II and MSc Building.

As M/s SPCL has not submitted the detailed estimation and hesitate to execute the above with a plea of additional Defects liability of Phase-II contract, a part from HVAC high end equipment, both Civil and Electrical works needed to complete the above project. Hence it is decided to execute this balance work through Engineering, Procurement, and Commissioning (EPC) mode by open tendering and suitable budget provision of approx. 20Cr.

BWC approved and recommend the proposal to FC.

[Annexure-A12, Page No.38-62]

9. Street Light & Cabling from Security & Mess Barrack to Naga Pond.

Street lighting from Security Barrack to SPCL Substation (Cover organic farming, Midtrial garden).

An estimate of Rs.27, 58,976.00 was made in this regard (Copy enclosed Annexure).

BWC approved the proposal.

[Annexure-A13, Page No.63-65]

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

BWC: 32 (2018)-07: PROPOSAL FOR APPROVAL OF BOQ AND ESTIMATE FOR TENDERING NEW PROJECT

1. Procurement of 3nos 70 HP Pumps for campus Pump House.

A committee was constituted for replacement/ repair of break down pump set of campus pump house. Committee visits the campus pump house and submit the report with one recommendation that in order to cater the water supply in campus area 3nos 70 HP may be procured.

Earlier, in principal approval of BWC has been obtained for the above proposals vide its 31st meeting. Detailed BOQ, Estimate with specification and approved makes have been prepared for the above work. The estimate amounts to Rs.1, 526,097.00 (Copy enclosed in Annexure).

It is proposed to invite open tender as per Institute Purchase Procedure.

BWC approved the proposal.

[Annexure-A14, Page No.66]

2. Annual Operation, Maintenance of Campus and Institute Pump House.

It is necessary to carry out water supply for Academic Building, Hostel and Residential area on a day to day basis. Estimates have been prepared for the above mentioned work and this amounts to Rs.28, 66,851.00. (Copy enclosed in Annexure).

It is proposed to invite open tender as per Institute Purchase Procedure.

BWC approved the proposal.

[Annexure-A15, Page No.67-70]

3. Procurement of 3X750 KVA DG Sets for Hostel and Academic area.

As per Minutes of 29th BWC and subsequent MOM on 27.03.2018 (Copy enclosed, Annexure). The committee propose procurement of 3X750 KVA DG set with an approx. cost of Rs.300Lakh.

BWC approved the proposal and advised to propose it in the next Financial Year.

[Annexure-A16, Page No.71]

4. HVAC System for Auditorium of TIIR Building.

Detailed BOQ received from Prof. P. Maya IIT, Madras Prime Consultant of this project with an estimated cost Rs. 67,26,596.00 (Copy enclosed in Annexure).

It is proposed to invite open tender as per Institute Purchase Procedure.

BWC approved the proposal.

[Annexure-A17, Page No.72-78]

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: 32 (2018)-08: PROPOSAL FOR APPROVAL OF DEVIATION AND EXTRA ITEMS FOR VARIOUS WORKS:

1. Extra Items for Construction of Major Projects (Phase-II).

The work order for the above work has issued to M/s Shapoorji Pallonji Co. (P) Ltd. at a value of Rs. 302.82 Crores. During the course of the execution, it has been found necessary to execute some items which are not contained in BOQ. As such, these become extra items. Since most of the items are

substitute items, no additional fund is necessary. The extra item statements are given in the Annexure.

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During the course of execution, it was required to execute some items such as Aerated Autoclaved Fly ash Bricks and Supply and Installation of Fresh color Restroom Cubicles System make for completion of the project which were not envisaged in the original scope of work. Hence these have become extra items. The estimated cost of the same comes to **Rs.69, 04,058.00** (Copy enclosed, Annexure).

The order is to be placed by Purchase & Works Section. This is for information of the BWC.

[Annexure-A18, Page No. 79-80]

BWC: 32 (2018)-09: Any other item with the permission of the chair:

- 1) **Proposal of Loan for NIT Rourkela from Higher Education Funding Agency (HEFA) to the tune of Rs.99 Crore.**

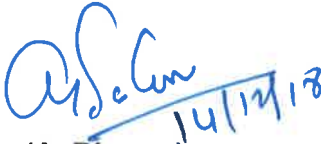
The MHRD vide Letter No.F.No.14-8/2018-TS.III, dated 20.11.2018 has approved the HEFA proposal for NIT Rourkela for Rs.99 Crores.

Sl. No.	Projects	Total cost of the Project	HEFA loan for 2019-19	HEFA loan for 2019-20	HEFA loan for 2020-21
1.	600 Seated Girl's Hostel	35.00	10.50	17.50	07.00
2.	Sports and Common Facilities	25.00	07.50	12.50	05.00
3.	Academic Building at BBSR	20.00	06.00	10.00	04.00
4.	UG/PG Teaching Laboratories	9.00	05.00	04.00	0.00
5.	Research Laboratories	10.00	05.00	05.00	0.00
Total =		99.00	34.00	34.00	16.00

BWC noted the above. Mr. S. Pathak, EE, CPWD attended the meeting and it was decided to award the project of 600 seated Girl's Hostel to CPWD and sign the MoU in Dec, 2018. All the above three projects (sl.no.1 to 3) will be awarded on turnkey basis to CPWD.

[Annexure-A19, Page No.81-86]


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


(A. Biswas)
Director & Chairman
Building & Works Committee