



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

Minutes of the 18th Building & Works Committee, National Institute of Technology, Rourkela held at 09.30 AM on 17.04.2013 (Wednesday) in the Board Room of the Institute.

Members Present:

- | | | | |
|----|--|-----|-----------|
| 1. | Prof. Sunil Kr. Sarangi, Director
N.I.T., Rourkela. | ... | Chairman, |
| 2. | Prof. R. K. Rahoo,
Mechanical Engineering
Professor, NIT Rourkela | ... | Member |
| 3. | Prof. S. K. Sahoo,
Dean(PD), Civil Engg., NIT., Rourkela. | ... | Member |
| 4. | Shri Ajaya Kr. Nayak, DGM
Civil Engineering, Town Engineering Department,
SAIL, RSP, Rourkela. | ... | Member |
| 5. | Shri S. K. Upadhyay, Registrar, NIT, Rourkela | ... | Secretary |

Members Absent:

- | | | | |
|----|---|-----|--------|
| 6. | Mrs. Amita Sharma, IAS
Addl. Secretary,
Government of India
Dept. of Secondary & Higher Education,
Ministry of Human Resource Development,
Sashtri Bhavan, New Delhi- 110 015 | | |
| 7. | Shri Vinod Kr Shrivastava, DGM
Refrigeration & Air Conditioning, RSP.,
SAIL, RSP, Rourkela. | ... | Member |

Invitees Present:

- | | | | |
|-----|---|-----|---------|
| 8. | Prof. Sarat Kr. Das
PIC, Civil Construction, NIT Rourkela | ... | Invitee |
| 9. | Prof. S. Mohnty,
PIC ,Electrical Construction, NIT Rourkela | ... | Invitee |
| 10. | Prof. A.K. Panda,
VP, Civil Engg., NIT Rourkela. | ... | Invitee |
| 11. | Prof. A. K. Sahoo
VP, Civil Engineering Dept., NIT Rourkela | ... | Invitee |
| 12. | Prof. Y. K. Sahu,
VP, EE Engg, NIT, Rourkela. | ... | Invitee |
| 13. | Mr. S. P. Mohaptra,
EE (Civil), Estate Office, NIT Rourkela. | ... | Invitee |

Invitees Absent:

- | | | | |
|-----|--|-----|---------|
| 14. | Shri U. Mishra
Executive Engineer, PWD, Rourkela | ... | Invitee |
| 15. | Prof. K. C. Biswal,
PIC, Civil Maint., NIT., Rourkela | ... | Invitee |
| 16. | Prof. Chitti Babu
PIC ,Electrical Maint., NIT Rourkela. | ... | Invitee |

Leave of absence was approved for all members absent.

A) GENERAL AND PROCEDURAL MATTERS.

BWC:18(2013)-01: Welcome to the members by the Chairman.

Chairman, Building & Works Committee welcomed all the members.

BWC:18(2013)-02: Confirmation of the minutes of the 17th Meeting of the BWC held on 12.12.2012.

The minutes of the 17th Meeting were sent to the members vide letter No.NITR/2012/BWC-17/498, Dt.02.01.2013. No comments were received from the members.

BWC confirmed the minutes of the 17th Meeting of the BWC held on 12.12.2012.

BWC:18(2013)-03: To report on the action taken on the decisions made in the 17th Meeting of BWC held on 12.12.2012 and to discuss matters arising out of the minutes:

The report on the action taken on the decisions made in the 17th Meeting of the BWC held on 12.12.2012 was presented for BWC's consideration.

BWC noted the above.

[Annexure-A1, Page No. 14 – 22]

B) REVIEW OF ONGOING PROJECTS:

BWC: 18(2013)-04: Review of ongoing Civil Projects:

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

All the ongoing civil projects were reviewed. BWC expressed concern over the delay in completion of some projects. BWC advised the administration to complete the major projects (being carried out by UPRNN) before 30.06.2013 as intimated to the Board.

[Annexure-A2, Page No.23 - 26]

BWC: 18(2013)-05: Review of ongoing Electrical Projects:

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

A report on the progress of ongoing Electrical Projects was presented and BWC noted the above. BWC expressed concern over the delay in completion of the 33 KV Ring Main Project, and advised that steps should be taken to complete the project before onset of monsoon.

[Annexure-A3, Page No.27 - 30]

C) ADMINISTRATIVE PROPOSAL FOR NEW PROJECTS – PART-'A':

BWC: 18(2013)-06: PROPOSAL FOR NEW PROJECTS:

1. Selection of Architects for Master Plan and Construction of Buildings under Major Projects (Phase-III).

Earlier, prequalification applications were invited from leading Architects for providing comprehensive architectural service for the following projects:

<u>Name of Project</u>	<u>Approx. Built up Area</u>
• Master Plan of the Institute (covering made up levels Of every area, roads, buildings, ICT, electrical, Water, sewerage, green technologies etc.)	260 hectare
• Renovation of existing academic buildings (improvement in the light of availability of new materials and new standards)	40,000 sqm.
• Undergraduate Laboratory Complex (4 storeyed buildings)	12,000 sqm.
• Student Activity Centre (4 storeyed building to contain Indoor Stadium, gymnasium, offices of clubs& societies, canteens, Stationery shop, ATM, barber shop, lots of open space, etc.)	10,000 sqm.
• Civil Engineering Department Building (4 storeyed buildings)	8,000 sqm.

The BWC had earlier accorded approval for the above.

However, there are few more projects to be taken up in the near future for which Architects should be appointed. The new projects include the following:

	<u>Approx. Built up area</u>
i) 500 seated KMS Hall Extension.	8,000 sqm
ii) Married Student Hostel, 120 nos.	8,400 sqm
iii) Construction of 'D' Flats (24 flats)	3,300 sqm
iv) 1600 seated auditorium.	
v) Department of Architecture.	8,000 sqm
vi) 1500 seated Hostel for boys.	50,000 sqm

Administrative approval for appointment of Architects for the above new projects mentioned at i to iv has been accorded in earlier BWC meetings. The department of Architecture of about 8000 sqm. will be combined with the Civil Engineering Department for which BWC had accorded approval earlier.

In view of large increase in the student intake, it is necessary to construct another 1500 seated Hostel for boys.

It is realized that appointment of many architects for separate works as stated above may lead to non uniformity in the architectural features including architectural elevations, specification of materials etc. Therefore, it is desirable to award various works to a single Architect.

However, elevation treatment of CS, ME, Workshop and existing buildings may be assigned to another architect to be selected from the list of Architects who have applied earlier under "Renovation of existing academic buildings."

Accordingly, offers have been invited from Architects through fresh advertisement in Newspapers and NIT web site in 2 parts (i.e. 1: Techno commercial including prequalification requirements, Part2: Pricebid). The last date of submission was fixed on 21-03-2013.

In response to the advertisement, offers have been received from twelve Architects as indicating below:-

<u>Sl.no</u>	<u>Name of Architect</u>
1.	M/s Vastukar Architects, Bhubaneswar
2.	M/s JayAmbe Ground Designs Pvt. Ltd.
3.	M/s Arch-en Design
4.	M/s S.Kumar & Associates
5.	M/s EDMAC Engineering Consultants, New Delhi.
6.	M/s Supreme Engineers (India) Pvt.Ltd. Mumbai.
7.	M/s ENARCH Consultants Pvt. Ltd.
8.	M/s Suresh Goel & Associates, NewDelhi.
9.	M/s Development Architects Pvt.Ltd.
10.	M/s S.M.Consultants, Bhubaneswar.
11.	M/s DDF Consultants Pvt.Ltd.
12.	M/s Mukesh Associates, Salem.

Preparation of a technical Comparative statement indicating their experience, annual turnover etc. is in progress. Prequalified firms will be asked to give a presentation in the near future and the Selection of Architect will be done based on quality cum cost basis as per Guidelines of Government of India.

The BWC approved the proposal.

2. Appointment of Consultant for assisting in getting environmental clearance for undertaking Major Construction Works (Phase-II) (i.e Lecture Hall Complex No. II Mechanical Science Building, Faculty Residence, Satis Dhawan Hall & Golden Jubilee Building).

The Work Order for Construction of the above mentioned buildings has already been placed on M/s Shapoorji & Pallonjee & Co Ltd. The construction work will be taken up shortly. As per the Environmental Impact Assessment Notification of the Govt. of India, Ministry of Environment & Forests, Eastern Regional Office, Bhubaneswar, it is necessary to obtain environment clearance from concerned authority for which lot of formalities are to be observed. It is therefore necessary to appoint a Consultant for processing the case and obtaining environmental clearance.

The BWC approved the proposal.

3. Provision of Floor tile for “G” type quarters.

It is observed that the AS flooring in most of the ‘G’ type Quarters has been damaged and needs repair/renovation. It is proposed to provide ceramic tile flooring in these Quarters. Further, minor repair works for door/window frames and shutters is necessary including providing white washing. In this regards, complaints have been received by the Estate Maintenance Office.

An estimate has been prepared and this will cost Rs. 94.00 Lakhs.
Detail estimate given in the Annexure.

The BWC approved the proposal.

[Annexure-A4, Page No. 31 - 41]

4. Water supply and periphery development of 0.18 MLD STP and fixing of Ms Jalli for Dhirubhai Ambani & GD Birla Hall.

The work installation of 0.18 MLD STP is nearing completion. It is now necessary to lay pipeline for utilization of treated water for horticulture purpose. For security reasons, it is also necessary to provide MS, Jalli over short height masonry wall for Dhirubhai Ambani and GD Birla Hall.

It will cost about Rs.13.57 Lakhs. Detail estimate given in the Annexure.

The BWC approved the proposal.

[Annexure-A5, Page No.42 - 50]

5. Appointment of Consultant for assisting in Registration of Buildings under Major Projects (Phase-II) (i.e Lecture Hall Complex No-II, Mechanical Science Building, Faculty Residence Satis Dhawan Hall & Golden Jubilee Building)for GRIHA certification.

The work order for construction of the above mentioned buildings under Major Projects (Phase-II) has recently been placed on M/s Shapoorji Pallonji & Co Ltd.

The Construction works will be taken up shortly. In order to register the buildings for GRIHA Certification for National Rating System for Green Buildings under Ministry of New & Renewable Energy, Govt. of India, it is necessary to appoint a Consultant for processing for the same.

The BWC approved the proposal.

6. Name of Work: Construction of 1500 seated Boys Hostel.

There has been large increase in the intake of students which will further increase in due course. It is therefore necessary to construct one 1500 seated Boys Hostel having a floor area of about 50,000 sqm. This will cost about Rs.108.0 crore (Based on Satis Dhawan Hall of residence tendered cost = Rs.72crore for 1000 students).

The BWC approved the proposal.

7. Name of Work: Construction of 'E' Type Flat (200 Nos.) for Non Teaching Staff.

There will be large increase in the strength of non teaching staff which will further increase in due course. It is therefore necessary to construct 'E' Type Flat (200 Nos) . Out of which 150 nos. Flat Type (Storeyed having built up area of 50 Sqm. each for bachelors) with basement parking and 50 single type quarters of built up area of 83 Sqm.

This will cost about Rs.17.50.00 crores (11,650 x Rs.15,000/- sqm.).

The BWC approved the proposal.

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

BWC:18(2013)-07: PROPOSAL FOR APPROVAL OF BOQ AND ESTIMATE FOR TENDERING FOR NEW PROJECT

1. Construction of water bodies behind VSHall and deepening of Puspa Pond.

There is a large pond on the southern side of SS Bhatnagar Hall adjacent to the Technology Avenue (i.e. Puspa Pond). During monsoon period, storm water runoff from majority area of the campus find access into this pond. The excess water overflows through the weir into a valley area on the eastern side which finally discharges in to the river Koel. In order to conserve this water, it is proposed to create water bodies by channelizing the stream, raising barriers and construction of weir cum over bridge etc, which is under construction.

In addition to the above, it is necessary to deepen the existing Puspa Pond which is presently very shallow, so that the capacity of the pond can be increased.

A scheme has been prepared in house. BOQ and estimate have also been prepared which are enclosed.

- I) Technical Details:
Estimated Cost: Rs.3.66 crores.
- II) Technical Specification:
 - 1.1 Embankment formation.
 - 1.2 Earthwork in excavation.
 - 1.3 Brick masonry.
 - 1.4 RCC work.

The BWC approved the proposal.

[Annexure-A6, Page No. 51 - 57]

2. Construction of Drain cum pathway by the side of Golden Jubilee Building.

A road is under Construction in between Mechanical Engineering Department, PG Mechanical, Work Shop Building and Golden Jubilee Building. A trench is also to be excavated for laying chilled water pipeline for central air conditioning system. For discharge of storm water runoff from the academic area and the road, it is necessary to construct a drain by the side of the above mentioned road, the cover of which will be utilized as foot path in view of space constraint.

Specification, BOQ and estimate have been prepared in house which are enclosed. The estimate amounts to Rs. 47.06 Lakh.

The BWC approved the proposal.

[Annexure-A7, Page No. 58 - 60]

3. Construction of Dormitory for Lady Mess & Security Staff.

It is necessary to provide a dormitory for the female mess and security staff working in the Institute.

It is proposed to renovate the existing security barrack (one storeyed) adjacent to the Hostel and construct one more floor over this building.

BWC had earlier approved the proposal in its 16 th Meeting.

Necessary drawing, specifications, BOQ and estimate have been prepared in house which are enclosed.

The estimate amounts to Rs.17.42 Lakhs.

The BWC approved the proposal.

[Annexure-A8, Page No.61 - 78]

4. Provision of Interlocking tile in the parking area between CS& Lecture Gallery and area adjacent to AV Hall.

Presently, the work of excavation for laying of chilled water pipes for central air conditioning is in progress in the above mentioned area, which is generally used for parking and service counters during seminar & cultural functions.

It is necessary to provide interlocking tile of ultra/spectra in this area of about 1500.0 sqm.)

It will be cost Rs.15.00 Lakh. Details estimate is placed in the file. This has approval of BWC & BOG.

It is proposed to invite tenders from NIT registered civil contractors of category, B & A.

The BWC approved the proposal.

[Annexure-A9, Page No.79 - 81]

E. APPROVAL OF TENDER FOR AWARD OF WORK [PART-'C']:

BWC: 18(2013)-08: REPORT ON AWARD OF WORKS TO CONTRACTORS

1. Construction of Major Project (Phase-II) Civil, Electrical & HVAC.

Estimated Cost: Rs 288.59 crores (Abstract of Estimate enclosed)
Period of Completion: 24 months.

The Major Projects (phase-II) includes the following buildings:

SL.No.	Name of Building	Architect
1.	Lecture Hall of Complex No- II	M/s Arch-en-Design
2.	Mechanical Science Building	M/s Arch-en-Design
3.	Faculty Residence & Parking	M/s Arch-en-Design
4.	Satis Dhawan Hall	M/s Mukesh Associates
5.	Golden Jubilee Building(13 Storeyed)	M/s Inform Architect

Tender have been invited through advertisement in news paper and NIT website. Prebid conference was held on 12.10.2012 when representatives of nine prospective firms were present.

The points raised in the prebid conference meeting by various firms have been considered and necessary modification has been done in the BOQ, technical specifications. The Tender submission and opening date was fixed on 11.12.2012.

The following eight firms have submitted their bids in 4 parts (i.e. i) EMD, ii) Techno Commercial including prequalification requirements, iii) BOQ and other Tender documents, iv) Price bid.

- M/s Larsen & Toubro Ltd.(L&T)
- M/s CCCL Ltd.
- M/s Simplex Infrastructures Ltd.
- M/s NCC Ltd.
- M/s Shapoorji & Co.Ltd.
- M/s UNITY INFRAPROJECT LTD
- M/s U.P. Rajkiya Nirman Nigam Ltd.
- M/s EPI Ltd.

The members of the Tender Committee first opened the Envelope No-1 On 11-12-2012 containing EMD, and Tender Paper cost and found that all of the above mentioned firms have submitted required amount in the form of Demand Draft/ Bank Guarantee. Then the members of the committee opened the Envelope No-II containing techno commercial bids, including prequalification requirements. It was felt to send a team of engineers to various places where these firms have worked, so as to verify their antecedents and performance.

Further the above mentioned firms were asked to come to Rourkela on a particular date along with originals for verification of the documents submitted by them.

Based on the information obtained from the document submitted by the firms, and the report of the subcommittee for verification of site performance in respect of some firms, the committee prequalified the following three firms:

1. M/s Larsen & Toubro Ltd(L&T)
2. M/s NCC Ltd
3. M/s Shapoorji Pallonji & Co Ltd.

Then the price bids were opened on 17-01-2013 for the above mentioned firms.

The Tender position is as follows:

<u>Sl No.</u>	<u>Name of firm</u>	<u>QuotedPrice</u>	<u>Position</u>
1.	M/s Shapoorji Pallonji & Co Ltd.	(+) 4.93%	L1
2.	M/s NCC Ltd.	(+) 7.47%	L2
3.	M/s Larson & Tourbo Ltd	(+)11.365%	L3

The Committee recommended awarding the work to M/s Shapoorji Pallonji & Co Ltd. at 4.93% above the estimated rates (i.e. Rs.302.28 Cores).

Sl. No	NAME OF BUILDING	ESTIMATED COST		
		DSR ITEMS	NON-DSR ITEMS	TOTAL
1.	GOLDEN JUBLEE BUILDING	552873860.83	401785608.02	954659468.85
2.	MECHANICAL SCIENCE BUILDING	282667453.65	225802603.26	508470056.90
3.	LECTURE HALL COMPLEX (No. 2)	186542278.19	201994679.64	388536957.82
4.	FACULTY RESIDENCE	212209383.36	98701810.62	310911193.98
5.	FACULTY RESIDENCE BASEMENT PARKING	21736162.98	10864630.36	32600793.34
6.	1000 SEATED HOSTEL	574741685.50	116041786.00	690783471.50
			Grand Total =	2885961942.40

The Project was approved by the Board.

The BWC noted the above.

2. CONSTRUCTION OF NEW ROADS AND WIDENING OF EXISTING ROADS (PHASE-III).

Estimate Cost: Rs 922.91 Lakhs.

In order to have better connectivity to academic as well as residential areas, it is necessary to take up construction of some new roads and widening of some of the existing roads. The details are given below:-

- (a) Road from BM to CS Dept/SAC behind ME.
- (b) Road from SAC to Bachelors Flat via EE.
- (c) Southern Avenue including Fly over.
- (d) Academic Avenue, From North Avenue to Hall.
- (e) Industry Avenue & Entrepreneurship Avenue.
- (f) Post office Road up to Bachelor's flat.
- (g) Completion of Gulmohar Road.
- (h) Widening of Cricket Stadium and Academic Avenue.
- (i) Widening of approach to Tirkey Stadium.
- (j) Widening of selected campus Roads.
- (k) Road from Crossing Road No. 4&6 up to South Boundary wall.
- (l) Road from Crossing of Road No.5 &6 to South Boundary wall.
- (m) Road by the side of Hall of Residence S.B.
- (n) Backside road of Satis Dhawan, Hall.
- (o) Widening of Scholars Avenue.

The date of opening was fixed on 15-03-2013.

In response to the advertisement in Newspapers and NIT website, offers from the following six firms have been received in 3 parts (i.e. 1st part: EMD, 2nd part: Techno Commercial including prequalification requirements and 3rd part: Price bid)

- i) Sri T.Santosh Kumar Patra.
- ii) M/s USS Construction.
- iii) Sri Sarbeswar Sahoo.
- iv). M/s KCS Private Ltd.
- v). Sri Jitendra Prasad.
- vi). M/s Damodar Engineers Pvt. Ltd.\

After opening of the EMD and Techno-Commercial bids, the members of the Committee after technical evaluation, found the following four firms technically qualified for the work:

- T.Santosh Kumar Patra.
- M/s USS Construction.
- Jitendra Prasad.
- M/s Damodar Engineers Pvt. Ltd.

Then the Committee opened the price bids for the following four technically qualified firms in the presence of the representative of the firms and their quoted price is as follows:

	<u>Name of Firm</u>	<u>Quoted Price</u>	<u>Tender Position</u>	
i)	T.Santosh Kumar Patra	(-)11.1%	---	L3
ii)	M/s USS Construction	(-)6.1%	---	L4
iii)	Jitendra Prasad	(-)16.1%	---	L1
iv)	M/s Damodar Engineers Pvt. Ltd	(-)14.0%	---	L2

As per the terms of the Tender Notice, the job is to be divided amongst two firms. The Committee decided to divide the work in the proportion of 60:40.

Considering the above, the members of the Tender Committee recommend to award the above mentioned work to Sri. Jitendra Prasad (L1 Tenderer) and M/s Damodar Engineers (L2 Tenderer) at a price of 16.1% below, the estimated price at a value of Rs. 4,64,59,114.22 and Rs. 3,09,72,742.81 respectively.

The BWC approved the proposal.

3. Construction of Centralized Car Parking in the Campus.

In view of large increase of cars by the inhabitants of our campus, it is necessary to construct a centralized car parking.

Detail drawing, BOQ and estimate have been prepared in house which are enclosed. The estimate amounts to Rs. 20.97 Lakh

The above proposal has approval of BWC and BOG.

Tenders have been invited from NIT registered civil contractors of Category 'B' & 'A'.

The BWC approved the proposal.

4. Construction of Security Watch Towers

For security reasons, it is necessary to construct watch towers in the campus at suitable locations. To start with, it has been decided to construct only two watch towers in critical areas for guarding the NIT areas, building etc by security personnel. Earlier the BWC and BOG have approved the proposal.

Specification, BOQ and the estimate for the same have been prepared in-house. The estimate amounts to Rs.23.08 Lakh. The same is enclosed.

Tenders have been invited from NIT registered civil contractors of category, B & A.

The BWC approved the proposal.

5. Construction of Major Project (Phase-I) - Deletion of Covered Passage.

The Construction of major projects (Phase-I) consists of the following buildings which has been awarded to M/s UPRNN Ltd.

- Biomedical Department Building,
- Lecture Hall Complex(No-1),
- Electrical Sciences Building
- 1000 Seated Hostel(VS Hall of Residence)
- Faculty Residence
- Development works.

Out of the above, the Biomedical Department Building has been completed long back and other Buildings are nearing completion.

As per the drawings issued by the Architect, there is provision of covered passage connecting to the new academic buildings as mentioned above and existing adjacent buildings. However, now, construction of some more buildings under Phase-II (i.e. Lecture Hall Complex, (No-II), Mechanical Sciences Building, Golden Jubilee Building, Faculty Residence and development work) will be taken up in the near future.

Considering the above, it is proposed to drop the construction of covered passage from the scope of M/s UPRNN Ltd.

The BWC approved the proposal.

[Annexure-A10, Page No.82 - 89]

F. DEVIATION AND EXTRA ITEMS FOR VARIOUS WORKS [PART-'D']:

BWC: 18(2013)-09:Proposal for approval of Deviation and extra items for various works:

1. Extra Item for Extension of Mining Engineering Department Building. (Agency :- M/s P.D. Agarwal)

The extra item statement for extension of Mining Engineering Department Building is given in the Annexure. The work order for the above work was placed on M/s P.D. Agarwal vide W.O. No – NITR/PW/WO/CT/21/12-13/21 dated 06.07.2012. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the Annexure.

The BWC approved the proposal.

[Annexure-A11, Page No.90 - 92]

**2. Extra Item for Extension of Ceramic Engineering Department Building.
(Agency :- M/s P.D. Agarwal)**

The extra item statement for extension of Ceramic Engineering Department Building is given in the Annexure. The work order for the above work was placed on M/s P.D. Agarwal vides W.O. No – NITR/PW/WO/CT/22/12-13/22 dated 06.07.2012. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the Annexure.

The BWC approved the proposal.

[Annexure-A12, Page No.93 - 94]

**3. Extra Item for Addition, Alteration & Renovation of 'B' type Quarters.
(Agency :- M/s Nirman Construction)**

The extra item statement for Addition, Alteration & Renovation of 'B' type Quarters is given in the Annexure. The work order for the above work was placed on M/s Nirman Construction vides W.O. No – NITR/WO/CT/32/11-12/36 dated 30.01.2012. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the Annexure.

The BWC approved the proposal.

[Annexure-A13, Page No.95 - 100]

**4. Extra Item for Addition, Alteration & Renovation of 'B' type Quarters.
(Agency :- M/s Eastern Infrastructures Pvt. Ltd.)**

The extra item statement for Addition, Alteration & Renovation of 'B' type Quarters is given in the Annexure. The work order for the above work was placed on M/s Eastern Infrastructures Pvt. Ltd. vides W.O. No – NITR/WO/CT/32/11-12/34 dated 30.01.2012. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the Annexure.

The BWC approved the proposal.

[Annexure-A14, Page No.101 - 106]

5. Extra Item for Development work for Staff recreation centre and Technology club.

(Agency :- M/s Parbati Engineers.)

The extra item statement for Development work for staff recreation centre and Technology club is given in the Annexure. The work order for the above work was placed on M/s Parbati Engineers vides W.O. No – NITR/WO/CT/29/12-13/29 dated 23.07.2012. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A15, Page No.107 - 108]

6. Extra Item for Construction of Dining Hall between M.V. Hall and G.D. Birla Hall & Renovation of Hall 3.

(Agency :- M/s P.K. Rout.)

The extra item statement for Construction of Dining Hall between M.V. Hall and G.D. Birla Hall & Renovation of G.D. Birla Hall is given in the Annexure. The work order for the above work was placed on M/s P.K. Rout vides W.O. No – NITR/PW/WO/CT/241/10-11/302 dated 14.02.2011. During the course of

execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A16, Page No.109 - 111]

**7. Extra Item for Construction of Dormitory for Mess Staff .
(Agency :- M/s S.K. Sahoo.)**

The extra item statement for Construction of Dormitory for Mess Staff is given in the Annexure. The work order for the above work was placed on M/s S.K. Sahoo vide W.O. No – NITR/PW/WO/CT/212/10-11/272 dated 22.12.2010. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A17, Page No.112 - 114]

**8. Extra Item for Extension of C.V. Raman Hall of Residence.
(Agency :- M/s P.D. Agarwal.)**

The extra item statement for Extension of C.V. Raman Hall of Residence is given in the Annexure. The work order for the above work was placed on M/s P.D. Agarwal vides W.O. No – NITR/PW/WO/CT/ (a) 37/10-11/38 dated 20.05.2010 (b) 37/11/L/179 dated 21.02.2011. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A18, Page No.115 - 117]

**9. Extra Item for Balance works for Extension and Renovation of 'D' Type flat Quarters.
(Agency :- M/s Bijaya Construction.)**

The extra item statement for Balance works for Extension and Renovation of 'D' Type flat Quarters is given in the Annexure. The work order for the above work was placed on M/s Bijaya Construction vides W.O. No – NITR/PW/WO/CT/18/11-12/19 dated 30.11.2011. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A19, Page No.118 - 122]

**10. Extra Item for Balance works for Extension and Renovation of 'D' Type flat Quarters.
(Agency :- M/s A.K. Mohanty.)**

The extra item statement for Balance works for Extension and Renovation of 'D' Type flat Quarters is given in the Annexure. The work order for the above work was placed on M/s A.K. Mohanty vides W.O. No – NITR/PW/WO/CT/18/11-12/20 dated 30.11.2011. During the course of execution, some items which are not included in the BOQ (i.e. extra item) are required to be executed as per site requirement. The extra items with justification are given in the enclosure.

The BWC approved the proposal.

[Annexure-A20, Page No.123 - 127]

BWC: 18(2013)-10: Any other item with the permission of the Chair.

1) Segregation of Colony Load from rest of the Institute and Hostel.

Managing Director, WESCO, vide letter No.WESCO/FIN/MD/077, dt.09.04.2013 has intimated that OERD made provision in the regulation to consider NIT, Rourkela under HT domestic category. Dean (PD) was advised to arrange a meeting with WESCO and finalize the domestic and Institutional load, so that Tariff benefit can be passed on to the employees of the Institute at the earliest.

[Annexure-A21, Page No.128 - 130]

2) Proposal for replacement HT break load switches with VCB in the 33 KV Ring Main System.

There was a proposal by Dean (PD) for replacement of HT Load Break Switches with VCB in the existing ongoing 33 KV Ring Main system. The additional financial implication is Rs.25,23,938/- (Rupees twenty five lakh twenty three thousand and nine hundred thirty eight only). Details are given in the Annexure.

The BWC approved the proposal

[Annexure-A22, Page No.131]

3) Request from M/s KCS Pvt. Ltd. for payment of advance against equivalent amount of Indemnity Bond for the Joist Pole and Conductor (vide order No.W.O.No.NITR/PW/WO/ET/72/12-13/74, dt.04.04.2013).

As requested by M/s KCS Pvt. Ltd. that maximum quantity of Joist Pole and AAA conductor shall be erected outside the NIT premises. Hence, they suggested to keep/store for the above items at their factory premises B/27 & 26, Industrial Estate, STI, Rourkela in safe custody so as to facilitate the easy fabrication of Joist Pole and smooth transportation of the materials to the site. M/s. KCS Pvt. also requested to provide an advance equivalent amount of Indemnity Bond for the Joist Pole and Conductor.

The BWC discussed on the above issue and noted that M/s KCS Pvt. is a reputed firm and is known for its ethical standards. There is no serious risk involvement in paying an advance to M/s K.C. Sahoo against production of an "INDEMNITY BOND". This will ensure completion of the work before monsoon particularly in difficult access areas. The BWC approved the suggestion to have a store by M/s. K.C. Sahoo at their factory premises B/27 & 26, Industrial Estate, STI, Rourkela at their risk.

[Annexure-A23, Page No. 132 - 134]

4) Proposal for construction of Hockey Pitch of National Standard (size 2 m x 44 m).

It was proposed to provide artificial turf in the stadium for Hokey Pitch. Detailed specifications, BOQ and estimate have been prepared in consultation with some experts in the area. The estimate amounts to Rs.62.33 lakh (details enclosed).

It was also discussed to discussed to provide similar artificial surface for a tennis Court which BWC approved.

The meeting ended with thanks to the Chair.

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

(S. K. Sarangi)
Director & Chairman
Building & Works Committee

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