



केन्द्रीय प्रौद्योगिकी संस्थान कोकराझार  
CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR

(A Centrally Funded Institute under Ministry of HRD, Govt. of India)

BODOLAND TERRITORIAL AREAS DISTRICTS :: KOKRAJHAR :: ASSAM :: 783370

Website: [www.cit.ac.in](http://www.cit.ac.in)

MINUTES OF THE 23<sup>RD</sup> (TWENTY THIRD) EXTENDED MEETING OF THE BUILDING AND WORKS COMMITTEE OF CIT KOKRAJHAR HELD AT MAINTENANCE CELL, IIT GUWAHATI ON 19<sup>TH</sup> DECEMBER, 2018 AT 1:00 P.M.

Members Present

1. Prof. Debkumar Chakrabarti, Director, CIT Kokrajhar and Chairman, BWC, CIT, Kokrajhar.
2. Prof. Monomoy Goswami, Professor, Dept. of Civil Engg., CIT Kokrajhar & Member, BWC, CIT Kokrajhar.
3. Prof. Sudip Talukdar, Professor, Dept. of Civil Engineering, IIT Guwahati & Member, BWC, CIT, Kokrajhar.
4. Shri Amarendra Goswami, Consultant, IIT Guwahati & Member, BWC, CIT Kokrajhar.
5. Shri T.J. Singh, S.E (Civil), IIT Guwahati & Member, BWC, CIT, Kokrajhar.
6. Ms. Chaitali Brahma, Registrar, CIT Kokrajhar & Non-Member Secretary, BWC, CIT Kokrajhar.
7. Shri Praveen Kumar, Chief Project Engineer, CIT Kokrajhar.
8. Shri Nayan Mani Talukdar, AE (Elect.), CIT Kokrajhar.
9. Shri Dwithun Mahilary, AE (Civil), CIT Kokrajhar.
10. Shri Achinta Kr Brahma, JE (Civil), CIT Kokrajhar.
11. Shri Apurba Kachari, JE (Elect.), CIT Kokrajhar.
12. Shri Sankar Baruah, Electrical Engineer, M/s. Rajkhowas Aarchi, Architect Consultant, CIT Kokrajhar.
13. Shri Naren Kalita, Civil Engineer, M/s. Rajkhowas Aarchi, Architect Consultant, CIT Kokrajhar.
14. Shri Apranju Dewan, Civil Engineer, M/s. Rajkhowas Aarchi, Architect Consultant, CIT Kokrajhar.

The 23<sup>rd</sup> (extended) BWC meeting was presided over by Prof. Debkumar Chakrabarti, Chairman of the Committee and after threadbare discussion on the agendas, the following resolutions were taken.

**Item no. 23.01. Proposal to consider and plan and estimate of Academic - V Building.**

As per Resolution no 23.03 of 23<sup>rd</sup> BWC MOM, the plan and estimate of Construction of Academic - V building has been revised amounting to Rs.21,57,62,360.00 (Rupees Twenty one Crore Fifty seven lakh Sixty two thousand Three & Sixty) only as per DSR 2016 with CPWD cost index for Kokrajhar (Reference letter No.29(2)(4)/SE(P)/NEZ-1/2018-19/763 dt.21.08.2018, O/o The SE (P cum SCC) NEZ-1 CPWD, Shillong).

The construction has been proposed to construct additional classroom and lab room as existing class & lab. rooms are not sufficient to meet the requirement of the departments. The general specifications of the proposed building are as follows:

Sl. No.	Description	Specification
1	Type of building	7 storied RCC frame structure, parking at ground floor.
2	Foundation	Bore cast in situ pile foundation of 500 dia of 12 mtrs. length with pile capacity of at least 50 tones which is arrived at based on soil data.
3	RCC work	Concrete of M25 for pile, column and structural members.
4	Steel Reinforcement	Fe 500D steel of TATA/JSW/SAIL/JINDAL/SHYAMSTEEL only.



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5	Walls	Autoclaved aerated concrete blocks masonry with 230mm thick in external walls and 115 mm thick internal walls with FPS brick.
6	Internal Finish	12mm/15mm thick plaster finished with putty and oil bound washable distemper.
7	External Finish	Premium acrylic smooth exterior paint with silicone additives of required shade and manufacture.
8	Flooring	Vitrified tiles for Class room, Common Area & Entrance portion, in Stair case – Kota Stone and in toilet- Ceramic tiles.
9	Door	35mm thick flush door with vision panel.
10	Window	Powder coated Aluminium section with MS grill.
11	Stair case railing	Stainless steel grade 304 railing.
12	Roof Waterproofing	APP membrane with brick tile.
13	Electrification	All LED Light - Philips/Bajaj/Havells/HPL/C&S/Crompton etc.
14	Light/Fan Fittings & Fixtures	Philips/Havells/Crompton Greaves/HPL/C&S/L&T/Orient/USHA etc.
15	MCB/MCCB/Cables	Havells/Polycab/Raychem RPG/RPG Cables/ Legrand /C&S/ L&T/ HPL/ Havells etc.
16	Lift	04 Nos with 15 person capacity MRL type.
17	Sanitary & Bathroom Fittings	Jaquar, Roca, Kohler only.

Members were requested to consider and recommend for approval of the proposed Construction of Academic - V Building to the FC/BOG.

The members discussed the matter in length and APPROVED the proposal. The members however suggested the following:

1. Structural design of the building shall be based on common burnt clay bricks though peripheral wall shall be 200 mm thick AAC block works.
2. Flush door shall be 30 mm instead of 35 mm thick.
3. Sanitary and Bathroom fittings may be Parryware/ Hindware/ Jaquar /Somany/ Kerovit make instead of Roca/ Kohler make.
4. Access upto Ground Floor for PH persons shall be provided.
5. 2 nos. lifts with 8 person capacity each and 2 nos. lifts with 15 person capacity may be considered.
6. MRL types of lifts may be installed. CIT Kokrajhar may invite quotations from the CPWD's list of firms for the supply and installation of lifts.
7. 5-star rated ceiling light and fan may be considered.
8. LAN wiring work shall be tendered based on detailed BOQ and not on lump sum basis.
9. Energy Meter should be included in the panel.
10. Main cable from substation to main panel shall be included in the estimate.
11. Pipe earthing to be used instead of plate earthing.



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12. Glass thickness should be 6 mm instead of 5.5 mm due to non-availability in local market.
13. Safe capacity of Piles to be considered 75MT instead of 50MT so piling shall be re-designed/ rechecked for enhanced load capacity.
14. Separate provisions to be kept for LAN and Intercom/Telephone.
15. Piling should be bored Cast in-situ instead of driven cast in-situ.
16. AAC block thickness not to be mentioned instead thickness shall be “as specified in the drawing”.
17. Item of Granite to be added for lift lobby and building entrance.
18. Sample of all aluminium work has to be collected from the vendors before starting of the work.
19. Open area to be connected in floor 3 level and floor 7 level with polycarbonate shed at top.

**Resolution No.23.01: APPROVED. Corrected estimate to be circulated to the members.**

**Item no. 23.02. Proposal to consider and plan and estimate of Water Resource Laboratory.**

As per Resolution no 23.04 of 23<sup>rd</sup> BWC MOM, the plan and estimate of Construction of Water Resource Laboratory has been revised amounting to Rs.2,14,83,809.00 (Rupees Two Crore Fourteen Lakh Eighty Three Thousand Eight Hundred Nine) only as per DSR 2016 with CPWD cost index for Kokrajhar (Reference letter No.29(2)(4)/SE(P)/NEZ-1/2018-19/763 dt.21.08.2018, O/o The SE (P cum SCC) NEZ-1 CPWD, Shillong).

The construction has been proposed as per requirement from the Civil Engineering Department. The general specifications of the proposed building are as follows:

Sl No.	Description	Specification
1	Type of building	Single story RCC frame structure with mezzanine floor.
2	Foundation	Isolated RCC Footing.
3	RCC work	Concrete of grade M25 shall be used all structural members.
4	Steel Reinforcement	Fe 500D steel of TATA/JSW/SAIL/JINDAL/SHYAMSTEEL only.
5	Walls	Autoclaved aerated concrete blocks masonry with 230mm thick in external walls and 115 mm thick internal walls with FPS brick.
6	Internal Finish	12mm/15mm thick plaster finished with putty and oil bound washable distemper.
7	External Finish	Premium acrylic smooth exterior paint with silicone additives of required shade and manufacture.
8	Flooring	Vitrified tiles for Class room, Common Area & Entrance portion & Stair case – Kota Stone and Toilet-Ceramic tiles.
9	Door	35mm thick flush door with vision panel.
10	Window	Powder coated Aluminium section with MS grill.
11	Stair case railing	Stainless steel grade 304 railing.



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12	Roof Waterproofing	APP membrane with brick tile.
13	Electrification	All LED Light Philips/Bajaj/Havells/HPL/C&S/Crompton etc.
14	Light/Fan Fittings & Fixtures	Philips/Havells/Crompton Greaves/HPL/C&S/L&T/Orient/USHA etc.
15	MCB/MCCB/Cables	Havells/Polycab/Raychem RPG/RPG Cables/ Legrand /C&S/ L&T/ HPL/ Havells etc.
16	Sanitary & Bathroom Fittings	Jaguar, Roca, Kohler only.

Members are requested to consider and recommend for approval of the proposed Construction of Water Resource Laboratory to the FC/BOG.

The members discussed the matter in length and APPROVED the proposal. The members however gave suggestions as suggested above for construction of Academic-V building.

**Resolution No.23.02: APPROVED. Corrected estimate to be circulated to the members.**

**Item No.23.03: Reporting Items.**

Following works have been initiated with approval from Director, CIT Kokrajhar:

Sl. No.	Name of Work	Estimated Amount
1.	Repairing and replacement of sanitary & water supply accessories at Acad. Pt.-I, Pt.-II, Pt.-III and Admin bldg.	Rs.3,17,500.00
2.	Construction of Septic Tank & Soak Pit (02 nos.) at SNM Boys Hostel.	Rs.3,29,564.00
3.	Aluminium Partition Works at Academic Pt.-II & Pt.-III.	Rs.4,74,171.00
4.	Repairing of Existing Gravel road- approaching & around rotary near library bldg. and in front of Gate no.2	Rs.7,79,872.00

**The Committee noted the Reporting Items presented.**

**Item No.23.07: Any other item with permission of Chair.**

With permission of the Chair the following items were discussed and resolved upon the following:

1. The committee members has confirmed that, for all works below 50 Lakhs, there is no need to report to BWC unless it has relevance to works to be approved in BWC.
2. Next BWC meeting will be held in CIT Kokrajhar on January 2019 so that members can see the construction of auditorium.
3. Tendering for the works (i) Construction of Girls' Hostel for SC/ST students, (ii) Repairing of existing road approaching & around rotary near library building and



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in front of gate no.2, and (iii) Earthfilling in front of type-III Qtr. (near block-V) has been done. But, technical and financial bid are yet to be opened. As per discussion with BWC members, it was resolved that cost estimate for the said works shall be revised based on recent cost escalation with CPWD cost index for Kokrajhar (Reference letter No.29(2)(4)/SE(P)/NEZ-1/2018-19/763 dt.21.08.2018, O/o The SE (P cum SCC) NEZ-1 CPWD, Shillong) and to be approved by Director, Central Institute of Technology Kokrajhar. This revised cost estimate shall form the basis for evaluation of financial bid.

As there was no other items for discussion, the meeting ended with the vote of thanks to the chair.

*Chaitali Brahma*  
02/01/2019

(Ms. Chaitali Brahma)  
Registrar and Non-Member Secretary,  
BWC, CIT Kokrajhar.