



केन्द्रीय प्रौद्योगिकी संस्थान कोकराझार
CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR

Deemed to be University, MHRD, Govt. of India
BODOLAND TERRITORIAL AREAS DISTRICTS :: KOKRAJHAR :: ASSAM :: 783370
Website: www.cit.ac.in

MINUTES OF THE 24th (TWENTY FOURTH) MEETING OF THE BUILDING AND WORKS COMMITTEE OF CIT, KOKRAJHAR HELD AT CIT KOKRAJHAR ON 06TH JANUARY, 2020 AT 02.00 PM.

BWC Members Present

1. Prof. Sudip Talukdar, Dept. of Civil Engineering, IIT Guwahati & Member, BWC, CIT, Kokrajhar.
2. Sh. Amarendra Goswami, Consultant IIT Guwahati & Member, BWC, CIT Kokrajhar.
3. Sh. T.J. Singh, Institute Engineer, IIT Guwahati & Member, BWC, CIT, Kokrajhar.
4. Smt. Subhalaxmi Deka, Secretary, BTC Kokrajhar & Nominate Member, BWC, CIT Kokrajhar.
5. Prof. Monomoy Goswami, Dept. of Civil Engineering, CIT Kokrajhar & Member, BWC, CIT, Kokrajhar.

The 24th 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. 24.01: Confirmation of the Minutes of the 23rd Meeting (Extended) of BWC of CIT, Kokrajhar held on 19/12/2018 at the Maintenance Section, IIT Guwahati.

The minutes of the 23th BWC (Extended) meeting of Building and Works Committee of CIT, Kokrajhar held on 19/12/2018 at Maintenance Section, IIT Guwahati was circulated to the members of the committee. As no comments were received we may consider the minutes confirmed.

Resolution No.24.01: The Minutes of the 23rd Meeting of Building Works Committee (Extended) held on 19th December, 2018 are CONFIRMED.

Item no. 24.02. Action taken Report (ATR) on the Resolution of the 23rd BWC meeting (Extended).

Timely action of the resolutions of the Agenda items of the 23rd BWC meeting (Extended) is placed in the Action Taken Report (ATR). Member are requested to discuss the ATR and suggest further course of action if any that may be considered necessary.

The members minutely went through the action taken report agenda wise. As no comments were received from the members, the committee resolved to conclude the ATR, as confirmed.

Resolution No.24.02: Action taken Report (ATR) on the Resolution of the 23rd BWC meeting (Extended) are CONFIRMED.

Item no. 24.03. Proposal for approval of Interior and MEP Works of Auditorium at CIT Kokrajhar.

As per Resolution no 23.07 of 23rd BWC MOM, we have requested PWD, BTC Kokrajhar to cancel the work order issued for MEP and Interior works of Auditorium as same has been issued on lumpsum basis. In response to above PWD, BTC Kokrajhar has issued no objection to execute the interior and MEP works of the Auditorium and agreed to execute the balance civil related works.

In this regard, detail estimate has been prepared considering the Interior, MEP, Fire Fighting works of the Auditorium as per market rate and DSR'2018 (E&M). The detail estimate amounting to **Rs. 8,97,92,457.00 (Rupees Eight Crore Ninety-Seven Lakhs Ninety Two Thousand Four Hundred Fifty Seven)** only.

The members discussed the matter in length and suggested to revise the estimate incorporating following points: -

for



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- 1) Carpet to be laid only for the passage area inside the hall.
- 2) Review for considering 03 nos of DG set in electrical estimate.
- 3) Air Conditioning System to be reviewed in respect of area.
- 4) Rate of the items incorporated for Interior, Audio visual system, stage items should be reviewed as it was in higher side.
- 5) Review for considering 07 nos of main power panel in electrical estimate.

Members suggested for interaction with the expert executors for specialized items for justified rate and specification. It was also suggested to form a committee including BWC member Shri T J Singh, Shri Amarendra Goswami, Prof. Monomoy Goswami and Registrar. CIT Kokrajhar for review of the estimate for interior works.

Resolution No. 24.03: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item no. 24.04. Proposal for approval of Construction of Security Barrack at New Campus of CIT Kokrajhar.

BTC Authority handed over new land measuring are 321B-0K-10K to CIT Kokrajhar for upgradation / extension of Infrastructure in the year of 2016. This is also to be informed that the construction of boundary wall for the new plot is under progress. In this regard, the construction of security barrack has been proposed to house security personals to prevent any unauthorized encroachment/ digging of soil / cutting valuable trees from the allotted land. The detail estimate has been prepared amounting to **Rs. 3,87,38,604.00 (Rupees Three Crores Eighty-Seven Lakhs Thirty Eight Thousand Six Hundred Four) only.**

The members discussed the matter in length and suggested to revise/review the estimate by lowering the high end specifications considered in the estimate.

Resolution No. 24.04: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item no. 24.05. Proposal for approval of Interior, Air Conditioning of Administrative Building 2nd Floor of CIT Kokrajhar.

The construction of 2nd floor of Administrative Building of CIT Kokrajhar is under progress under execution of PWD, BTC Kokrajhar. In this regard, detail estimate has been prepared for interior, air conditioning work of the 2nd floor of administrative building of CIT Kokrajhar amounting to **Rs. 57,50,118.00 (Rupees Fifty-Seven Lakhs Fifty Thousand One Hundred Eighteen) only.**

The members discussed the matter in length and suggested to revise the estimate considering heat load calculation, inverter AC for air conditioning work in respect of floor area.

Resolution No. 24.05: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

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Item no. 24.06. Proposal for approval of APDCL demand for Construction of 33 KV AIS Bay for CIT Kokrajhar.

As per Resolution no 23.05 of 23rd BWC MOM, we have asked APDCL for revise the estimate considering AIS bay instead of HGIS bay for feeding 33 KV line to CIT Kokrajhar from 132 KV GSS. In response to above, APDCL has submitted the detail estimate considering AIS bay at 132 KVA GSS. The demand note is amounting to **Rs. 89,35,385.00 (Rupees Eighty-Nine Lakhs Thirty-Five Thousand Three Hundred Eighty-Five)** only.

The members discussed the matter in length and suggested to discuss with APDCL authority to consider omission on mandatory spares item.

Resolution No. 24.06: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item no. 24.07. Proposal for approval of Supply, Installation Testing of 11 KV UG Cable from 33 KV substation to 04 nos Distribution Transformers at CIT Kokrajhar Campus.

As per resolution no. 23.06 of 23rd BWC MOM, the revised estimate for supply, installation of 11 KV UG Cable from 33KV Sub-station to 04 nos distribution transformers has been prepared. The detail estimate has been prepared as per present market rate and DSR (E&M) 2018 considering 11 KV, 630 Amp, manual 3-way outdoor **Ring Main Unit** for loop connection for all the 04 nos distribution transformers. In this regard, a detail estimate has been prepared amounting to **Rs. 89,76,861.00 (Rupees Eighty-Nine Lakhs Seventy-Six Thousand Eight Hundred Sixty-One)** only.

The members discussed the matter in length and suggested following points: -

- 1) The loop connection cable should be of same size.
- 2) Transformers to be connected in 2 loops depending upon the location of the transformers at site.
- 3) To take the advantage of the RMU by avoiding separate feeders to each transformer.
- 4) To consider for ABB, Schneider, Siemens make RMU in place of C&S Electric.

Resolution No. 24.07: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item no. 24.08: Proposal for approval of Construction of Security Barrack (Women) at CIT Kokrajhar.

With the increasing in girl's student strength and hostels it is necessary to keep the female security personal inside the campus. Presently the institute is having security barrack for male. Female security personals are staying / adjusting at common rooms at girl's hostel. As the institute requires more number of female security personal, construction of security barrack for women has been initiated. In this regard, the detail estimate has been prepared amounting to **Rs 77,39,263.00 (Rupees Seventy-Seven Lakhs Thirty-Nine Thousand Two Hundred Sixty-Three)** only.

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The members discussed the matter in length and suggested to revise/review the estimate by lowering the high end specifications considered in the estimate.

Resolution No. 24.08: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item no. 24.09: Proposal for approval of Construction of Building for Central Instrumentation Facility (CIF) at CIT Kokrajhar.

Dean (R&D), CIT Kokrajhar initiated proposal for construction of Central Instrumentation Facility (CIF) at CIT Kokrajhar to house large number of sophisticated instruments used for high magnification imaging, material characterization, precision chemical analysis, fabrication etc. The centre will fulfil the need of sophisticated instruments required for the multiple departments of the institute and others. The expansion of the Centre will take place phase wise, with the addition of new and ultra-modern equipment's in order to enhance the efficiency and functioning to desired levels.

List of the instruments proposed (First Phase)

S.N.	Name of the Instruments
1	Field-Emission Scanning Electron Microscope (FE-SEM)
2	Powdered X-Ray Diffractometer (XRD)
3	Transmission Electron Microscope (TEM)
4	X-ray photoelectron spectroscopy (XPS)
5	Vibrating sample magnetometer (VSM)
6	Raman instruments
7	Micro-fabrication facilities Lithography Machine, Spin table for Photo-resist coating, Etching Machine (RIE machine), RF Thin film deposition machine, Chemical bench, Oxidation furnace
8	Anechoic chamber
9	Real 3D Section (Audio Video Set up, Final cut Pro-machines)

In this regard, the preliminary estimate has been prepared on CPWD plinth area rate considering 515.69 Sq.M Buildup area of the building amounting to **Rs 1,56,67,000.00 (Rupees One Crore Fifty-Six Lakhs Sixty Seven Thousand)** only

The members discussed the matter in length and suggested following points: -

- 1) CIF building construction cannot be expanded afterwards. The complete building should be constructed at a time.
- 2) Members specially pointed out that FE-SEM instrument required a very high area, XPS instrument required no magnetic materials within the periphery of 5.5 meters.
- 3) Members suggested to collect the detail from user clearance, specification, dimension of the instruments to be installed before estimation and design of the building of CIF.

Resolution No. 24.09: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

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Item no. 24.10: Proposal for approval of Construction of New Girls Hostel (350 capacity) at CIT Kokrajhar.

The proposal has been initiated to construct new girl's hostel with 350-seater to house girl students who are still staying outside the Institute campus in rented accommodation. In this regard, the preliminary estimate has been prepared on CPWD plinth area rate considering 9680 Sq. meter built up area (G+3) building amounting to **Rs 43,45,21,800.00 (Rupees Forty-Three Crore Forty-Five Lakhs Twenty-One Thousand Eight Hundred)** only. Members were info that the estimate has been prepared on plinth area rate only for fund requisition from the MHRD paying nominal consultancy charges. Detail estimate will be prepared and circulated to the members only after the fund approval from the MHRD.

The members discussed the matter in length and suggested for preparing detail estimate even if required consultancy charges has to be paid. Members pointed out that taking approval on plinth area basis does not carry any meaning because the detail estimate has to be produced for approval before construction.

Resolution No. 24.10: The members suggested for revising the estimate and may be placed for recommendation to the BWC for further approval.

Item No.24.11: Reporting Items.

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

Sl. No.	Name of Work	Estimated Amount (Rs)
1.	Construction of 2-wheeler parking near Gate No. 2 of CIT Kokrajhar	Rs.32,00,000.00
2.	Construction of Temporary Shed for Laboratory at CIT Kokrajhar	Rs.49,97,000.00
3.	Construction of Community Activity Area at CIT Kokrajhar	Rs.13,77,000.00

Resolution No. 24.11: Approved.

Item No.24.12: Any other item with permission of Chair.

Apart from the above agenda items following points were discussed & approved:

- 1) To form 2-member committee to inspect and see the feasibility for a guest house for CIT Kokrajhar at Guwahati.
- 2) Intercom facility for existing (500 Units) and new campus (500 Units) of CIT Kokrajhar.
- 3) CCTV to be installed in designated places of CIT Kokrajhar as per GFR rule.
- 4) Installation of lift for all building for physically disable persons under SIPDA scheme, Govt. of India.

In addition to the above, following works were also reported to the members which were initiated with the approval from Director, CIT Kokrajhar under HEFA.

for [Signature]



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Sl. No.	Name of Work	Estimated Amount (Rs)
1.	Installation of Hume Pipe in front of 2nd Gate and Fitting & Fixing of Concertina Coil in Existing Boundary Wall at CIT Kokrajhar	Rs.47,03,013.00
2.	Development of water Body Inside the CIT, Kokrajhar	Rs.43,93,195.00
3.	Construction of Sitting Shed near Water Body at CIT Kokrajhar.	Rs.4,96,578.00
4.	Repairing of outside road from Balagaon village road to JD road, at CIT, Kokrajhar.	Rs.40,66,840.00
5.	Construction of Internal Road from Transit Classroom to Hydraulic Lab at CIT Kokrajhar.	Rs.49,81,475.00
6.	Construction of Internal Road from Mechanical Workshop to Main Gate No. 2 at CIT Kokrajhar.	Rs. 90,10,525.00
7.	Development of Student Exhibition Area at CIT Campus, Kokrajhar.	Rs.47,61,000.00
8.	Construction of Pathway along the boundary wall for security patrolling at CIT, Kokrajhar	Rs. 45,46,000.00
9.	Construction of Side Drain in front of type I & type II Quarter at CIT, Kokrajhar	Rs. 30,98,000.00
10.	Construction of Boundary wall of New girls' Hostel at CIT, Kokrajhar	Rs. 26,10,000.00
11.	Construction of Road to North Side Gate at CIT, Kokrajhar	Rs. 49,72,000.00
12.	Construction of Temporary Class Room at CIT, Kokrajhar	Rs. 63,21,000.00
13.	Construction of Pathway to temporary Class Room at CIT, Kokrajhar	Rs. 53,75,000.00
14.	Construction of Maintenance Work- Shop at CIT, Kokrajhar.	Rs. 45,83,000.00
15.	Construction of Car Parking Shed in Front of B - Type Quarter at CIT, Kokrajhar.	Rs. 48,58,000.00
16.	Construction of Car Parking Shed for C3-C6 Quarters at CIT, Kokrajhar.	Rs. 43,46,000.00
17.	Construction of Central UPS Room at CIT Kokrajhar.	Rs. 31,65,000.00
18.	Development of area surrounding Students' Canteen at CIT Kokrajhar.	Rs. 28,18,104.00
19.	Installation of 30 KLD STP at Hostels at CIT Kokrajhar.	Rs. 28,96,000.00
20.	Installation of 30 KLD STP at Girls' Hostel at CIT Kokrajhar.	Rs. 25,60,095.00
21.	Construction of Two-Wheeler & Four-Wheeler Parking Shed, CIT Kokrajhar	Rs. 47,00,000.00
22.	Supply & Installation of Fire Hydrant System for Academic - II & III at CIT, Kokrajhar.	Rs. 45,00,000.00
23.	Supply & Installation of Fire Hydrant System for 02 nos Boys Hostel building at CIT, Kokrajhar.	Rs. 49,00,000.00
24.	Supply & Installation of Fire Hydrant System for 01 no Boys Hostel & 01 no Girls Hostel building at CIT, Kokrajhar.	Rs. 28,00,000.00

Resolution No. 24.12: Approved.

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

23/11/2020

Registrar and Non-Member Secretary,
BWC, CIT Kokrajhar.