



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 19<sup>TH</sup> (NINETEENTH) MEETING OF THE BUILDING AND WORKS COMMITTEE OF CIT, KOKRAJHAR HELD AT CONFERENCE HALL, GUEST HOUSE, IIT GUWAHATI ON 18<sup>TH</sup> MAY, 2017 AT 11-00 A.M.**

Members Present

1. Shri Amarendra Kr. Goswami, S.E (Electrical), IIT Guwahati, Special Invitee.
2. Prof. Sudip Talukdar, Professor, Dept. of Civil Engineering, IIT Guwahati & Member, BWC, CIT, Kokrajhar.
3. Shri T.J. Singh, S.E (Civil), IIT Guwahati & Member, BWC, CIT, Kokrajhar.
4. Shri R. R. Hazarika, Executive Engineer, Tezpur University & Member, BWC, CIT, Kokrajhar.
5. Prof. Monomoy Goswami, Dept. of C.E, CIT Kokrajhar, Invitee.
6. Shri Soumen Maji, Asstt. Prof., Dept. of C.E, CIT, Kokrajhar & Member representing Faculty.
7. Prof. Debkumar Chakrabarti, Director, CIT, Kokrajhar and Chairman, BWC, CIT, Kokrajhar.

Shri Carol Narzary, Secretary, IBA, BTC, Kokrajhar & Member, BWC, CIT, Kokrajhar could not attend due to their pre-occupied engagement. He have asked to continue the meeting as per schedule.

The 19<sup>th</sup> BWC meeting was presided over by Prof. Debkumar Chakrabarti, Chairman of the Committee and after threadbare discussion on the agendas, the following resolutions were created.

**Item no. 19.01. Confirmation of the Minutes of the 18<sup>th</sup> Meeting of BWC of CIT, Kokrajhar held on 24/06/2016 at Conference Hall, Guest House, IIT, Guwahati.**

The minutes of the 18<sup>th</sup> meeting BWC of CIT, Kokrajhar held on 14.09.2016 at Conference Hall, Guest House, IIT, Guwahati was circulated to the members of the committee. As no comments were received from the members, the Committee resolved to conclude the Minutes confirmed.

**Resolution No.19.01: The Minutes of the 18<sup>th</sup> Meeting of Building Works Committee held on 14<sup>th</sup> September, 2016 are CONFIRMED.**

**Item no. 19.02. Action taken Report (ATR) on the Resolution of the 18<sup>th</sup> BWC meeting, of CIT, Kokrajhar held on 14/09/2016 at Conference Hall, Guest House, IIT, Guwahati.**

Timely action of the resolutions of 05 (five) Agenda items of the 18<sup>th</sup> BWC meeting was taken up in detailed in the Action taken Report (ATR) for further course of action, that may considered necessary.

The members minutely went through the action taken report agenda wise and suggested on Resolution no. 5 regarding construction of Auditorium that CIT should asked for deviation statement against quantities of each items mentioned in the detailed estimate of the work from PWD, BTC.

**Resolution No.19.02: The members advised to collect the deviation statement from PWD, BTC regarding the construction of Auditorium.**



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## **Item no. 19.03. Proposal to consider and approve empanelment of Architects for future infrastructure development (including Master Plan) of CIT, Kokrajhar.**

Based on the resolution of the 13th Building Works Committee meeting held on 19.02.2014 in agenda No.06, an EOI was floated to empanel fresh Architects/Consultants for CIT. The Institute received 17 number of applications. After scrutinizing, the committee members submitted a report which was placed in the 16th BWC meeting held on 23.11.2015 in agenda No.16.09. However, the members were not satisfied with the process and resolved to repeat the exercise again.

Above matter was again taken up in the 18th BWC meeting in agenda no.18.04 (enclosed in **Annexure-I**) held on 14.10.2016 at Conference hall, Guest house at IITG. The members after through discussion suggested the following:-

1) CIT should go for fresh empanelment in the way IIT Guwahati is empaneling and in this matter Shri T.J. Singh, S.E (Civil), IIT Guwahati may be consulted.

2) As IIT Guwahati is already in process of Empaneling Architect and considering IIT & CIT, same nature of centrally funded Institute, the list empaneled may be directly adopted for the urgent work so as to avoid further delay.

Now that, IIT Guwahati had completed their process of Empaneling and as per suggestion by the members of BWC in the 18th BWC meeting, we have collected the list of Empaneled Architects of IIT Guwahati. The approved list of Empaneled Architects of IIT Guwahati (enclosed in **Annexure-III**) are the following:

Name of Architects	Scope of work
Group-C (For works costing Rs.50.00 Crores and above)	
(L1) Wadia Tecno-Enginerring Services limited, Kolkata	i. For RCC building having less than G+5 floors of value RS.50.00 Crore
(L2) ENARCH Consultants Pvt. Ltd., Noida.	ii. For RCC building having less than G+5 floors of value RS.50.00 Crore
(L3) DDF Consultants Pvt. Ltd., New Delhi.	
(L4) Suresh Goel & Associates, New Delhi.	
Group-B (For works costing from Rs.20.00 crores to Rs.50.00 Crores)	
(L1) Rajkhowas AARCHI, Guwahati.	For RCC building having less than G+2 floors or more of value above RS.20.00 Crore and up to Rs.50.00 crore
(L2) Architects Atelier, Chandigarh.	
Group-A (For works costing up to Rs.20.00 crores)	
(L1) Borthakur & Associates, Guwahati.	For multistoried RCC building value up to Rs.20.00 Crore
(L2) Architects Collaborative, Guwahati.	



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Further the Institute authority decided that as most of the construction works are executed by PWD, BTC, Kokrajhar, the Institute felt that the BTC PWD approved Architect Consultants as well as our present Architect, Mr. Ranjib Barua may also participate in bidding of the rate.

Following are the PWD, BTC approved Architect Consultants (enclosed in **Annexure-IV**):-

1. Gautam Baruah & Associates, Lamb Road, Guwahati-781001.
2. M/s Versha Technotrade Pvt. Ltd., G.S. Road, Guwahati.
3. M/s PERSPECTIVE, Chapaguri Road, P.O. Chapaguri, Rolling Mill, Assam.

So, the Institute Invited rates for Consultancy Services from the following Firms:-

1. Wadia Techno-Engineering Services Limited, Kolkata.
2. ENARCH Consultants Pvt. Ltd., Noida.
3. DDF Consultants Pvt. Ltd., New Delhi.
4. Suresh Goel & Associates, New Delhi.
5. Rajkhowas AARCHI, Guwahati.
6. Architects Atelier, Chandigarh.
7. Borthakur & Associates, Guwahati.
8. Architects Collaborative, Guwahati.
9. Gautam Baruah & Associates, Lamb Road, Guwahati-781001.
10. M/s Versha Technotrade Pvt. Ltd., G.S. Road, Guwahati.
11. M/s PERSPECTIVE, Chapaguri Road, P.O.: Chapaguri, Rolling Mill, Assam.
12. Designers Plenum, Sarbadoya Path, Opp. ABC, Guwahati-5.

The date of opening of Quotations is on 26-05-2017, 14:00 Hrs. at Registrar's Conference Hall, CIT Kokrajhar.

Also, the Institute has constituted a 6 (six) member committee for opening of price bid and to recommend the Architectural Firms vide our order no. CIT/KOK/Build/Archi/69/08/87 Dated 27-04-2017 (enclosed in **Annexure-V**) with following members:-

1. Mr. T.J Singh, S.E. (Civil), IIT Guwahati.
2. Mr. Ranjay Das, Asstt. Prof., Deptt. of Electrical Engineering, CIT Kokrajhar.
3. Mr. Abhijeet Deka, Asstt. Prof., Deptt. of Civil Engineering, CIT Kokrajhar.
4. Mr. Swapan Kr. Saha, F.A, CIT Kokrajhar.
5. Mr. Dwithun Mahilary, Asstt. Engineer (Civil), CIT Kokrajhar.
6. Mr. Nayan Mani Talukdar, Asstt. Engineer (Electrical), CIT Kokrajhar.

Members were requested to consider the panel of Architect/Consultant Firms with their respective rates recommended by the 6 (six) member committee for allotment of the consultancy services to the firms for Infrastructural development and other related works of Central Institute of Technology, Kokrajhar.

The members discussed the matter in length and suggested that, till finalization of Empanelment of Architects for CIT is done, IIT Guwahati's recently empaneled Architects may be directly engaged for following urgent works:-

1. Construction of Kendriya Vidyalaya School,
2. Construction of Departmental Buildings,



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3. Construction of Boundary Wall at New Plot and
4. Preparation of Master Plan (for New Plot and existing campus).

Also, the members have authorized the 6 (six) member committee for opening of price bid and recommending the Architectural Firms to do the necessary action/decision on the spot and to recommend the Institute in this matter if by 14:00 Hrs. on 26-05-2017, sufficient nos. of quotations are not received.

**Resolution No.19.03:** Approved with a suggestion that CIT may directly engage IIT Guwahati's recently empaneled Architects for some of the urgent works.

**Item no. 19.04. Proposal for approval of Construction of Kendriya Vidyalaya School (Assam Type) at Central Institute of Technology, Kokrajhar.**

As per Resolution no. 18.08 (3) of 18<sup>th</sup> BWC meeting (enclosed in **Annexure-I**), it was resolved that Engineering Cell of CIT, Kokrajhar should prepare the detailed estimate of Kendriya Vidyalaya and to circulate it to the BWC members through e-mail and get their comments and approval.

Accordingly, Engineering Cell had prepared detailed estimate as per Institute's approved plan of proposed K V School amounting to Rs.73,09,100.00 only and circulated to BWC members for approval. After getting approval from the BWC members, the same was sent to KV Sanghatan, New Delhi for approval.

On scrutinizing of the detailed estimate, K V Sanghatan had suggested to go for construction of more rooms to house 200 students along with other spaces for faculty and staff as per KV norms. Re-estimate of proposed KV School has been prepared.

Member were requested to consider and recommend the same for approval.

The members discussed the matter in length and suggested to modify the plan drawing of proposed K V School (Assam type Building) and to go for Multi-storied Building as the proposed area will occupy unnecessarily huge area.

**Resolution No.19.04:** Recommended to go for Multi-storied Building. Revised plan & estimate to be sent to BWC members for their comments and approval.

**Item no. 19.05. Proposal for approval of Construction of Design Laboratory (Computer Graphics lab.) for Multimedia Communication and Design Department of Central Institute of Technology, Kokrajhar.**

The Institute is going to start B.Tech Course in the Department of Multimedia Communication and Design from the next academic year and the existing Laboratory space which was set up for Diploma Course is not sufficient to accommodate new batch of students. So, there is a requirement to set up new Laboratory rooms for Computer Graphics Design for B.Tech students.



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Members were requested to consider for approval.

The members discussed and felt the need of Design Laboratory (Computer Graphics lab.) for Multimedia Communication and Design Department of Central Institute of Technology, Kokrajhar and approved as per specifications presented amounting to Rs.47,94,700.00 (Rupees Forty Seven Lakhs Ninety Four Thousand and Seven Hundred) only

**Resolution No.19.05: Considered and Approved.**

**Item no. 19.06. Discussion on Construction of new 33 KVA dedicated feeder line from Adabari GSS to proposed 33/11 KVA CIT sub-station, Kokrajhar.**

As per resolution no.15.02 (i) of 15<sup>th</sup> BWC meeting held on 16-06-2015 (enclosed in **Annexure-VIII**), BTC would be taking steps for providing dedicated feeder line to CIT. It was also decided that CIT should take initiative to intimate the concerned engineer of APDCL (ASEB) of Kokrajhar and Bongaigaon for providing special quota of 2 MW exclusively for CIT.

Upon consultation, Chief Executive Officer, Kokrajhar Electrical Circle, APDCL, Kokrajhar on 23-06-2015 has informed options available for dedicated power supply of 2 MW to CIT Kokrajhar.

The proposal by the Chief Executive Officer, Kokrajhar Electrical Circle, APDCL, Kokrajhar has been accepted for drawing of 33 KVA line from Salakati, 33/11 KVA sub-station with railway crossing during BoG meeting held on 26<sup>th</sup> June, provided approval is given from higher authorities of APDCL.

On 31-08-2015, CIT has written to SDO, Kokrajhar Electrical Circle, APDCL, Kokrajhar to allow conducting the technical feasibility of the same through APDCL and provide necessary approvals so that works for the above can be started as soon as possible.

CIT has received the estimate prepared by APDCL, Kokrajhar Electrical Sub-division which is approved by Chief General Manager (D), APDCL (LAR), Bijulee Bhawan, Guwahati on 11-05-2017 amounting to Rs.4,68,60,972.00 only.

Members were requested to consider and recommend for approval.

The members discussed the matter in length and approved the specifications presented amounting to Rs.4,68,60,972.00 only. However they suggested that the drawing of 33 KV Feeder line should be done through APDCL and the substation work may be done by CIT, Kokrajhar with consultation of the S.E. (Electrical), IIT Guwahati.



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**Resolution No.19.06:** It was resolved that:

1. Drawing of 33 KV Feeder line should be done through APDCL and
2. Substation work may be done by CIT, Kokrajhar.

Estimate is Considered and Recommended to BoG for approval.

**Item no. 19.07.** Proposal for approval of Supply, Installation, Testing of 11 KV U.G Cable for 500 KVA Sub Station (towards New Boy's hostel, Director Residence & Type – I, II Qtr. of Central Institute of Technology, Kokrajhar).

The Institute proposes to Install 11 KV underground cable for new 500 KVA transformer sub-station towards New Boys' Hostel, Director's Residence & Type-I & II Quarters, etc.

Members were requested to consider and recommend for approval.

The members discussed the matter and felt the need of the work and approved as per specifications presented amounting to Rs.50,68,000.00 (Rupees Fifty Lakhs Sixty Eight Thousand) only.

**Resolution No.19.07:** Approved and purchase to be done by following cordial formalities.

**Item no.19.08.** Proposal for construction of boundary wall (New Plot).

BTC had allotted and handed over 321B-OK-10Ls additional land to CIT. From preventing it from encroachment it is necessary that the entire land needs to be secured by constructing boundary wall. The Institute had initiated the construction of the boundary wall for the 1<sup>st</sup> phase estimate amounting to Rs.1,33,68,600.00 covering 1100 meters. However, the estimate for the remaining 4600 meters will tentative work out to be Rs.5,00,00,000.00 Approximately. This amount will also cover necessary earth filling, slope protection and Iron Gate.

Members were requested to consider and recommend for approval.

The members discussed the matter and approved as presented for 1<sup>st</sup> phase of Boundary wall covering 1100 meters amounting to Rs.1,33,68,600.00 (Rupees One Crore Thirty Three Lakhs Sixty Eight Thousand and Six Hundred) only. However, they suggested that the remaining boundary wall may be taken up after finalization of Empanelment of Architect.

**Resolution No.19.08:** Considered and Recommended to BoG for approval.



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**Item No. 19.09. Proposal for site development of playground (near New Boy's hostel)**

The New Boy's hostel is almost completed and will be occupied by June 2017. Hence according to master plan there was a site allotted for playground in front of it. Therefore an estimate has been prepared for the site development of the playground area amounting to Rs.1,75,68,100.00.

Members were requested to consider and recommend for approval.

The members discussed the matter and approved as per specifications presented amounting to 1,75,68,100.00 (Rupees One Crore Seventy Five Lakhs Sixty Eight Thousand and One Hundred) only.

**Resolution No.19.09: Considered and Recommended to BoG for approval.**

**Item No. 19.10. Proposal for approval of Construction of –**

1. Indoor Stadium, 2. Concrete Cricket Practice Pitch, 3. Repair and fixing of the Basket Ball and Lawn Tennis Courts, 4. Microwave LAB, Project LAB, Computation LAB and Computer LAB for the Electronics & Telecommunication department, 5. Landscaping & Beautification of Traffic Circle near Central Library of CIT, 6. New Academic building IV as approved by BOG will be taken up for design and execution along with Architect empanelment

**Resolution No.19.10: Members suggested to finalize the Empanelment of Architect first and then proceed for future construction.**

**Item No. 19.11. Proposal for setting up of Solid Waste management in CIT Kokrajhar.**

CIT Campus will be having around 2000 students, faculty and staffs. As a result huge amount of waste will be accumulating in the campus. Burning & dumping of waste will cause unwanted pollution and as such Compositing, Recycling and Bio-methanation must be implemented to treat the waste. Considering this, CIT propose to start solid waste management process.

Members were requested to recommend it for further action to be taken up by CIT in this regard.

The Members discussed the matter and suggested to call for an EOI.

**Resolution No.19.11: It was resolved to call for an EOI.**

**Item No. 19.12: Proposal for setting up Solar Roof Top Power Plant in CIT Kokrajhar.**

Presently CIT Kokrajhar is getting power from APDCL through a rural electrical feeder. This power line is too much interrupted as the feeder line coming through village area and forest. Due to this interruption of power, our fuel consumption of



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Diesel Generator is going high day by day. Considering the problem, CIT propose to start installing Solar Power Plant which is also environmental friendly process for Academic Buildings, Administrative Building and also in Boy's Hostels. By installing 25 kW Solar Power Plant, approximately 300 Liters of fuel per day can be saved.

The Budgetary Estimate for 25 kW Solar Power Plant is as follows:-

Sl No.	Description of Item	Qty	Rate/Unit (Rs.)	Amount (Rs.)
1	250Wp Solar PV Module	100	10,000.00	10,00,000.00
2	25 KVA Grid-Tie Inverter	1	3,25,000.00	3,25,000.00
3	Module Mounting Structure	1 Job	1,00,000.00	1,00,000.00
4	Array Junction Box	1 Set	50,000.00	50,000.00
5	Distribution Box	1 Set	55,000.00	55,000.00
6	Lightning Arrester	1 Set	50,000.00	50,000.00
7	Cabling, Wiring etc.	1 Job	45,000.00	45,000.00
8	Civil Works	LS	2,00,000.00	2,00,000.00
9	Transportation		1,00,000.00	1,00,000.00
10	Installation & Commissioning		1,15,000.00	1,15,000.00
<b>Grand Total</b>				<b>20,40,000.00</b>
<b>Rupees Twenty Lakhs and Forty Thousand Only</b>				

Applicable subsidy will be asked from the firm as one of the criteria in the terms and condition.

Members were requested to consider and approve for further action to be taken up by CIT in this regard.

The members discussed the matter in length and approved as per specifications presented amounting to Rs.20,40,000.00 (Rupees Twenty Lakhs and Forty Thousand) only and suggested to constitute a 2 member expert committee with Shri Amarendra Kr. Goswami, S.E(Electrical), IIT Guwahati and Shri Nayan Mani Talukdar, A.E.(Electrical), CIT Kokrajhar.

**Resolution No.19.12: Considered and approved.**

**Item No. 19.13: Reporting item:**

**Creation of Infrastructure which are in progress up to 31st April'2017 of CIT, Kokrajhar**

**Rs. In Lakhs**

Sl.No	Name of Building	Estimated project Cost	Total Area	Agency engaged	Total Fund flow till date	Status / Completion (in %)



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1	2	3	4	5	6	7
1	Const. of Main gate.	28.82	369.52 SQ. M	BTC, PWD	13.00	55%
2	Const. of Roads & footh path. (Ph-II)	540	2500 M	BTC, PWD	263.15	60%
3	Const. of boundary wall Phase - II.	278	2500 M	BTC, PWD	230.60	90%
4	Const. of Drain and culvert.	371	4500 M	BTC, PWD	178.81	60%
5	Const. of Auditorium	1624.62	4022 SQ. M	BTC, PWD	710.49	60%
6	Cons. Of Type - I Qtr (Ph-II)	273.94	810 SQ. M	BTC, PWD	34.20	20%
7	Cons. Of Type - II Qtr (Ph-II-4 Unit @ Rs.201.44 L)	805.79	2276 SQ. M	BTC, PWD	160.39	20%
8	Cons. Of Type - III Qtr (Ph-II-5 Unit @ Rs. 207.35 L)	1036.76	3160 SQ. M	BTC, PWD	158.23	20%
9	Cons. Of Vertical Extension of Administrative Building	192.45	1315 SQ. M	BTC, PWD	0.00	Just Started

**Resolution No.19.13:** The members noted the progress of the work.

**Item No.19.14:** Any other item with permission of Chair.

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

(Ms. Chaitali Brahma)

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