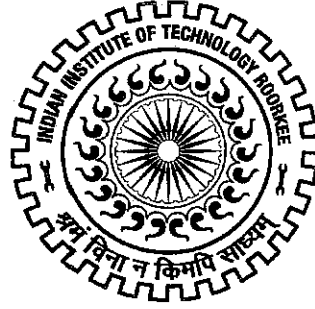


भवन एवं निर्माण समिति
की चतुर्थ बैठक का कार्यवृत्त

MINUTES OF THE 4TH MEETING OF THE
BUILDING AND WORKS COMMITTEE

21.02.2003



भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की - २४७ ६६७ (भारत)

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE - 247 667 (INDIA)



भारतीय प्रौद्योगिकी संस्थान रुड़की
(पूर्व रुड़की विश्वविद्यालय)

रुड़की - 247 667, उत्तरांचल, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

(Formerly University of Roorkee)

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Lt Col A K Srivastava (Retd)
Registrar

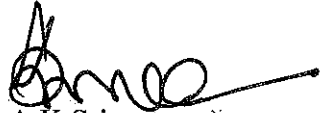
No. ITR/MS/B&WC/4th(2003)/172(ii)
Dated 3rd March 2003

Subject: Recommendations (Minutes) of the 4th meeting of the Building and Works Committee held on 21st February 2003.

Enclosed herewith please find a copy of the recommendations (minutes) of the 4th meeting of the Building & Works Committee of this Institute held on 21st February 2003 for favour of information of the members and record. Members who attended the meeting are requested to kindly offer their comments, if any, within 20 days. If no comments are received, it will be presumed that they have no comments to offer and approve of the minutes as recorded.

Encl: as above.

Yours faithfully,


(A.K.Srivastava)
Lt. Col. (Retd)
Registrar

To

1. Prof. Prem Vrat - Chairman
Director, IIT Roorkee
(Chairman)
2. Mr. S.P.Singh
Chief Engineer,
C.P.W.D.
Kendriya Bhawan
IIIrd Floor, Sector K, Aliganj
Near Purana Chauraha
Lucknow

3. Mr. Pawan Agarwal
Director
Department of Secondary & Higher Education
Govt. of India
Ministry of Human Resource Development
Shastri Bhawan
New Delhi 110 001
 4. Mr. S.K.Grover
Dy. Financial Advisor
Govt. of India
Ministry of Urban Development
& Poverty Alleviation,
New Delhi- 110 011
 5. Er. S.K.Gupta
The Chief Engineer
Public Works Department
Uttaranchal Govt.
Dehradun (Uttaranchal)
 6. Er. J.M.Lal,
Dy. G.M.,
Uttaranchal State Electricity Board,
Roorkee – 247 667
 7. Er. Salek Chand
Institute Engineer
IIT, Roorkee
 8. Prof. S.K.Kaushik
Chairman, Estate & Works
Department of Civil Engg.
IIT Roorkee
-Permanent Invitee
 9. Prof. K.G.Ranga Raju
Dy. Director
IIT Roorkee
-Permanent Invitee
 10. Lt. Col. (Retd) A.K.Srivastava
Registrar
IIT Roorkee
- Member Secretary
-

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE

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3.6	Progress report of the on going/ completed Major Works.	05

Minutes of the 4th meeting of the Building and Works Committee held on 21st February 2003 at 11.30 A.M. in the Board Room.

The following were present:

- | | |
|---|---------------------|
| 1. Prof. Prem Vrat, Director | -Chairman |
| 2. Er. S.P.Singh, Chief Engineer, CPWD, Lucknow | -Member |
| 3. Mr. S.K.Grover, Dy, Financial Advisor,
The Ministry of Urban Dev. & Poverty Alleviation,
Govt. of India, New Delhi | -Member |
| 4. Er. S.K.Gupta, Chief Engineer, PWD,
Uttaranchal Govt., Dehradun (Uttaranchal) | -Member |
| 5. Er. Salek Chand, Institute Engineer | -Member |
| 6. Prof. K.G.Ranga Raju, Dy. Director | - Permanent Invitee |
| 7. Lt. Col. (Retd) A.K.Srivastava, Registrar | - Member Secretary |

The undermentioned members could not attend the meeting due to prior engagements.

1. Mr. Pawan Agarwal, IAS,
Director (T), MHRD,
Govt. of India, New Delhi
2. Er. J.M.Lal, Dy. G.M.
Uttaranchal State Electricity Board
Roorkee 247 667
3. Prof. S.K.Kaushik, Chairman Estate & Works

The Chairman, Building and Works Committee welcomed the members to the B&WC of the IIT Roorkee, especially, Er. S.K.Gupta, Chief Engineer, P.W.D., Dehradun who was attending the meeting for the first time, and expressed his desire for his guidance and contribution to the proceedings of the B&WC.

Deliberations:

All the items of the Agenda were discussed and the deliberations/ recommendations are summarized as under:

Item No. 1.0: Confirmation of the minutes of the 3rd meeting of the Building and Works Committee held on 23.11.2002:

Having received no comments on the minutes, the B&WC confirmed the minutes of the above meeting as recorded and circulated.

Item No. 2.0: Actions Taken Report on the minutes of 3rd meeting of the B&WC held on 23.11.2002:

The B & W C noted the actions taken on the minutes of the above meeting, given on page 2 and 3 of the agenda note with the following observations:

Item No. 3.2: Director, CBRI, has nominated Sri B.S.Gupta, Scientist, CBRI to represent him in the meetings of the Sub-Committee constituted for approval for Architectural Plans which will be submitted by C.P.W.D.

The name of Prof. Najamuddin, Department of Architecture & Planning had also been included as a member of the Sub-Committee with the approval of the Chairman.

Item No. 3.5 The Committee expressed its satisfaction on the progress of the construction of the Boundary Wall at Greater Noida Land.

3.0 ITEMS FOR CONSIDERATION:

3.1 To consider the Preliminary Estimate submitted by C.P.W.D. for according Administrative Approval & Expenditure Sanction for the Work of Air-cooling and Electrification of the Senate Hall.

The Committee approved the Preliminary Estimate of Rs. 9.98 lacs as submitted by C.P.W.D. for split air conditioning unit instead of Air Cooling (costing Rs. 14.30 lacs) for the Senate Hall and recommended

the same to the BOG for according administrative approval and expenditure sanction.

The details of the Preliminary Estimate are given at **Appendix 'A'**.

The Committee further decided that the inlets of the A.C. units be placed at the appropriate height, in order to give the desired cooling effect.

3.2 To consider the Preliminary Estimate submitted by C.P.W.D. for according Administrative Approval & Expenditure Sanction for the Work of Extension of Azad Bhawan, Rajendra Bhawan & Cautley Bhawan.

The Committee approved the Preliminary Estimate of Rs. 370.00 lacs as submitted by C.P.W.D. for construction of 330 additional single seated Rooms in different Hostels of the Institute and recommended the same to the BOG for according administrative approval and expenditure sanction. The details of the rooms are as under:

Sl. No.	Name of Bhawan	No. of Rooms	Plinth Area in square metres	Total cost in Rs.
1.	Azad Bhawan	108	2242	1,16,38,749.00
2.	Rajendra Bhawan	120	2735	1,42,09,714.00
3.	Cautley Bhawan	102	2133	1,11,54,874.00
	Total	330	6288	3,70,03,337.00

The details of the Preliminary Estimate are given at **Appendix 'B'**.

3.3 To consider the proposal of the Chief Sports Advisor to improve the sports facilities in I.I.T. Roorkee.

The Committee approved the estimate of Rs. 2.65 lacs for the construction of a Grill between the existing tennis courts and the WRDTC farm with the observation that an angle iron frame and mild steel Ts for bracing, be provided.

The Committee further decided that the proposal for Construction of a Hockey field on the Kho-Kho ground, without seating stands on both sides, be accepted in principle and recommended that a detailed preliminary estimate with the plan for the said work be placed in the next meeting of the committee.

3.4 To consider the request of M/S Suresh Goel & Associates, New Delhi for inclusion the name of their firm in the Panel of Architecture of I.I.T. Roorkee.

After due deliberation, the Committee came to the conclusion that a fresh panel of 10 Architects for Architectural work of the Institute be prepared by the Sub-Committee already constituted for approval of Architectural Plans. The present panel of Architects as given in the agenda note be continued till the new panel is finalized. The process of re-panelsment be gone through an open advertisement. M/S Suresh Goel & Associates' expression of interest (the present request), be considered by the Committee at the time of finalizing the new panel.

3.5 To consider the recommendations of the National Workshop on Institute Works – 'Construction and Management ' organized by the Institute Works Department, IIT Kanpur as guidelines for implementation:

Mr. Salek Chand, Institute Engineer briefed the Committee about the National Workshop on Institute Works – 'Construction and Management ' organized by the Institute Works Department, IIT Kanpur and highlighted the salient features of the Workshop. While noting the recommendations of the above Workshop, the B&WC decided that the work be prioritized as under:-

- (a) Power distribution should be through under ground cables. Overhead lines be gradually replaced by under ground cables to avoid frequent disruptions.

- (b) Obsolete and power inefficient equipment must be gradually replaced to conserve electricity and improve reliability.
- (c) Proper water proofing be done to avoid seepage in buildings

3.6 Progress report of the on going / completed Major Works.

While noting the progress report of the on going/ completed Major Works as given in the agenda note, the Committee suggested as under:

- (a) In future, a visit of the B&WC members be organized to the major works in progress, after each meeting.
- (b) At the time of preparing the progress report of Plan work, an additional column "Sanctioned cost" be added in the progress report table.

The meeting ended with a vote of thanks to the Chair.

APPENDIX-A

Name of work :: Renovation of Senate Hall at IIT,Roorkee.(SH:Pg9.split air conditioning units).

S.N.	DESCRIPTION OF ITEM	QUANTITY	RATE	UNIT	AMOUNT
1.	Supplying, installation, testing & commissioning of 5 TR ductable split air conditioning unit with necessary inter-connection, copper pipe, base frame for indoor & outdoor unit complete as required.	5 Sets	140000/-	Set	700000.00
2.	Supplying & fixing of GSS ducting of following thickness i/c bends, tees, reducer, hanger supports etc. as required. a) 0.63mm b) 0.80mm c) 1.00mm	100.00 SqM 40.00 SqM 20.00 SqM	400/- 500/- 675/-	SqM SqM SqM	40000.00 20000.00 13500.00
3.	Supplying & fixing of supply air grills with volume control damper.	2.00 SqM	13000/-	SqM	26000.00
4.	Supplying & fixing of return air grills.	2.00 SqM	9500/-	SqM	19000.00
5.	Insulation of supply air duct with 50mm thick fibre glass covered with polythene faced hessian cloth & chickwire mesh.	160.00 SqM	450/-	SqM	72000.00
6.	Pdg. & fixing distribution board, cabling, conduiting between distribution board & outdoor & indoor units etc.	1 Job	50000/-	Job	50000.00
7.	Service connection for distribution board from existing overhead lines.	1 Job	10000/-	Job	10000.00
Total ::					950500.00
Add 5% contingencies					47525.00
Total ::					998025.00
					Say Rs. 998000.00

(Signature)
 Executive Engineer (E),
 Dehradun Cent. Elect. Div.,
 C.P.W.D., Dehradun.

(Signature)
 Assistant Engineer (E),
 Dehradun Cent. Elect. Div.,
 C.P.W.D., Dehradun.

GENERAL ABSTRACT

Name of Work: Extension of Azad Bhawan, Rajendra Bhawan & Cautly Bhawan,
at I.I.T, Roorkee.

Sl. No.	Bhawan	Civil Cost		Electrical Cost		Total
		Building	Development	Building	Development	
1.0	Azad Bhawan	10029428.00	387483.00	1221838.00	-	11638749.00
2.0	Rajendra Bhawan	12234829.00	484373.00	1490512.00	-	14209714.00
3.0	Cautly Bhawan	9541824.00	450614.00	1162436.00	-	11154874.00
	Total	31806081.00	1322470.00	3874786.00	-	37003337.00

Say Rs. 3,70,000,00.00

S.d

A.E. (P-III)
C.P.W.D. Lucknow

S.d

E.E. (III)
C.P.W.D. Lucknow

S.d

S.E. (P&A)(NZ-II)
C.P.W.D. Lucknow

Approved

S.d

C.E. (NZ-II)
C.P.W.D. Lucknow