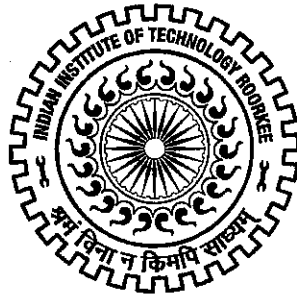


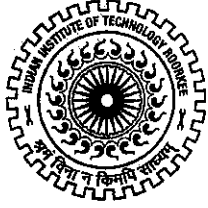
भवन एवं निर्माण कार्य समिति की सतरहवीं बैठक
(अत्यावश्यक बैठक) का कार्यवृत्त
**MUNUTES OF THE 17th MEETING (URGENT MEETING)
OF THE BUILDING & WORKS COMMITTEE**

(01.03.2007)



भारतीय प्रौद्योगिकी संस्थान रूड़की
रूड़की – 247 667 (भारत)

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



भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247 667, उत्तरांचल, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ROORKEE - 247 667, UTTARANCHAL, INDIA

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Lt. Col A K Srivastava (Retd)
Registrar

No. IITR/MS/17th B&WC/(03/2007)/1157
Dated 5th March 2007

Subject: Recommendations (Minutes) of the 17th meeting (urgent meeting) of the Building and Works Committee held on 1st March 2007.

Enclosed herewith please find a copy of the recommendations (minutes) of the 17th meeting (urgent meeting) of the Building & Works Committee of this Institute held on 1st March 2007 for favour of information of the members and record. Members who attended the meeting are requested to kindly offer their comments, if any, within 15 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

05 MAR 2007

To:

1. Prof. S. C. Saxena
Director,
Indian Institute of Technology Roorkee
(Chairman)
2. Prof. H.K. Verma
Dy. Director
Indian Institute of Technology Roorkee
3. Prof. V.K. Gupta
Chairman, Estate & Works
Indian Institute of Technology Roorkee

4. Ms. Seema Raj
Director (T)
Department of Secondary & Higher Education
Govt. of India
Ministry of Human Resource Development
Shastri Bhawan
New Delhi 110 001
 5. Er. O.P. Bhatia
Chief Engineer,
C.P.W.D., Kendriya Bhawan
III Floor, Sector K, Aliganj
Near Purana Chauraha
Lucknow (U.P.)
 6. Er. Naresh Kumar,
Dy. G. M.,
Uttaranchal Power Corporation Ltd.,
Roorkee - 247 667
 7. Prof. P.K. Jain
Department of Mechanical & Indl. Engg.
Indian Institute of Technology Roorkee
 8. Prof. H.O. Gupta
Department of Electrical Engineering
Indian Institute of Technology Roorkee
 9. Prof. M.N. Viladkar
Department of Civil Engineering
Indian Institute of Technology Roorkee
 10. Er. Salek Chand
Institute Engineer
Indian Institute of Technology Roorkee
 11. Prof. Surendra Kumar
Dean, Finance & Planning
Indian Institute of Technology Roorkee - Permanent Invitee
 12. Lt. Col. (Retd) A. K. Srivastava
Registrar
Indian Institute of Technology Roorkee - Secretary
-

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE 247 667



INDEX

Item No.	Particulars	Page(s)
17.1	To consider the demolition of – (a) 32 old dilapidated unsafe 'D' Category residences No. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj. (b) 16 old dilapidated Mess Workers 'D' Category residence Nos. M-1 to M-16, near Ganga Cautley Bhawan mess, for the construction of Multi Storeyed Boys' Hostel. (c) Old and dilapidated Ravindra Lok Barrack Nos. 65/1 to 65/6, 66/1 to 66/6 and 67/1 to 67/6, for construction of Lecture Hall Complex. (d) old Guest House located in Civil Lines for construction of the Multi Storeyed Faculty residences (e) 32 old dilapidated unsafe 'D' Category residences No. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj.	1
17.2	To consider the preliminary estimates for (1) Construction of 3 rd floor on the existing Mess Workers residences in Govind Puri (10 residences). (2) Construction of one additional room with toilet in 44 residences of Vikas Nagar and Niti Nagar. (3) Providing vitrified tile flooring in the 45 rooms of Khosla International House.	2

	<p>(4) Water proofing and providing white glazed tile terracing on the roof of the Main Building.</p> <p>(5) Construction of 9 additional suites in M.R. Chopra Bhawan.</p>	
Appendix 'A'	Recommendations dated 12.12.206 of Institute Master Plan Committee	4-5
Appendix 'B'	Report dated 26.2.2007 of the Committee constituted to examine the buildings proposed for the demolition.	6-7
Appendix 'C'	Preliminary estimate for construction 10 Nos Mess workers residences	8-9
Appendix 'D'	Preliminary estimate for addition of one bed room and toilets in 44 residence of Vikas Nagar & Niti Nagar.	10-11
Appendix 'E'	Preliminary estimate for providing vitrified tile flooring over existing cement concretes floors in 44 rooms in KIH	12-13
Appendix 'F'	Preliminary estimate for water proofing and broken tile terracing for Main Building roof	14
Appendix 'G'	Preliminary estimate for construction of 9 numbers suites and connecting corridors in MR Chopra Bhawan	15-16

MEETING SECTION
INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
ROORKEE - 247 667

Minutes of the 17th Meeting (urgent meeting) of the Building & Works Committee held on 1st March 2007 at 12.00 Noon in the Board Room of the Institute.

The following were present:

- | | |
|-----------------------------------------------------------|---------------------|
| 1. Prof. S.C. Saxena, Director | - Chairman |
| 2. Prof. H.K. Verma, Dy. Director | - Member |
| 3. Dr. Ajay Gairola, Offtg. Chairman, E&W | - Member |
| 4. Er. Naresh Kumar, Dy. G.M., UPCL, Roorkee | - Member |
| 5. Prof. P.K. Jain, Mechanical & Indl. Engineering Deptt. | - Member |
| 6. Prof. H.O. Gupta, Electrical Engineering Department | - Member |
| 7. Prof. M.N. Viladkar, Civil Engineering Department | - Member |
| 8. Er. Salek Chand, Institute Engineer | - Member |
| 9. Prof. Surendra Kumar, Dean, Finance & Planning | - Permanent Invitee |
| 10. Lt. Col. A.K. Srivastava Registrar | - Member Secretary |

The Chairman, Building & Works Committee (B&WC), welcomed the members to the 17th Meeting (urgent meeting) of the Committee. He stated that the urgent meeting was conveyed to discuss some urgent issues.

The agenda was then taken up:

Item No.17.1 To consider the demolition of -

- (a) **32 old dilapidated unsafe 'D' Category residences No. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj.**
- (b) **16 old dilapidated Mess Workers 'D' Category residence Nos. M-1 to M-16, near Ganga Cautley Bhawan mess, for the construction of Multi Storeyed Boys' Hostel.**
- (c) **Old and dilapidated Ravindra Lok Barrack Nos. 65/1 to 65/6, 66/1 to 66/6 and 67/1 to 67/6, for construction of Lecture Hall Complex.**

- (d) **old Guest House located in Civil Lines for construction of the Multi Storeyed Faculty residences**
- (e) **32 old dilapidated unsafe 'D' Category residences No. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj.**

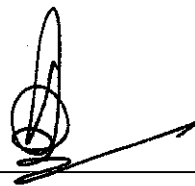
The B&WC considered the report dated 26th February 2007 of the Technical Committee constituted to inspect and technically examine the above mentioned buildings, which are proposed for demolition (**Appendix 'A'**), and also the recommendations of the Institute Master Plan Committee, which were presented in meeting held on 12th December 2006, and also in the 16th meeting of the Buildings and Works Committee held on 25th January 2007 (**Appendix 'B'**). After discussion, the B&WC recommended that the same be placed before the Board of Governors for consideration and approval.

Item No.17.2

To consider the preliminary estimates for

- (1) **Construction of 3rd floor on the existing Mess Workers residences in Govind Puri (10 residences).**
- (2) **Construction of one additional room with toilet in 44 residences of Vikas Nagar and Niti Nagar.**
- (3) **Providing vitrified tile flooring in the 45 rooms of Khosla International House.**
- (4) **Water proofing and providing white glazed tile terracing on the roof of the Main Building.**
- (5) **Construction of 9 additional suites in M.R. Chopra Bhawan.**

The BW&C considered the preliminary estimates submitted by the Institute Engineer and the UP Rajkiya Nirman Nigam which are summarised as under:



Sl. No.	Name of work	Cost of estimates submitted by Institute Engineer (Rs. in lacs)	Cost of estimates submitted by the UPRNN including 11.5% Centage charges (Rs. in lacs)
1.	Construction of 3 rd floor on the existing Mess Workers residences in Govind Puri (10 residences).	22.45	25.21
2.	Construction of one additional room with toilet in 44 Nos. A-2 Category residences of Vikas Nagar and Niti Nagar.	72.90	80.76
3.	Providing vitrified tile flooring in the 45 rooms of Khosla International House.	14.25	15.44
4.	Water proofing and providing white glazed tile terracing on the roof of the Main Building.	41.35	44.75
5.	Construction of 9 additional suites in M.R. Chopra Bhawan.	27.45	30.42
	TOTAL	178.40	196.58

The rates as submitted by the Institute Engineer exclude the centage charges. Therefore, after adding, 11.5% centage charges on the estimated cost of Rs.178.40 lacs, the cost will come to Rs.198.92 lacs.

Keeping in view the above, and the fact that the work performance of the UP Rajkiya Nirman Nigam has been satisfactory, the B&WC recommended that the preliminary estimates amounting to Rs.196.58 lacs, as submitted by the UP Rajkiya Nirman Nigam be placed before the FC/BOG for according administrative approval and expenditure sanction **(Appendices 'C' to 'G')**.

The B&WC further decided that while awarding these works to the U.P. Rajkiya Nirman Nigam, an appropriate penalty clause may also be added in the agreement for any delay that may occur in completion of any of the above mentioned works.

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

Appendix 'A'
Item No. 17.1

A meeting of the Institute Master Plan Committee was held on 12th December 2006 in the Committee Room of the Institute. The following were present:

1. Director
2. Dy. Director
3. Prof. Najamuddin
4. Prof. S.Y.Kulkarni
5. Prof. V.K.Gupta
6. Institute Engineer

Director reviewed the interim recommendations of Institute Master Plan Committee and following were resolved:

1. The estimate for construction of 4th floor on the undergoing construction of three storied wings, may be obtained from UPRNN and submitted to the next meeting of the Building and Works Committee for approval.
2. The estimate for construction of additional wings may be taken from CPWD and UPRNN and submitted to the next meeting of the Building and Works Committee for approval.
3. The estimate for construction of Water tank of 500 KL may be taken from CPWD and UPRNN and submitted to the next meeting of the Building and Works Committee for approval.
4. Action should be taken for enhancement of electric load for the requirement of future.
5. Reminder may be sent to Chief Engineer, CPWD for expediting the construction of multi storied Boys Hostel.
6. The proposal for demolition of old Civil Lines Guest House and construction of multi storied faculty residences (56 Nos) at this place should be sent to next meeting of the Building and Works Committee.
7. The proposal of construction of multi storied faculty residences at Amod Kunj (56 Nos) and Vikas Nagar (56 Nos) adjacent to PWD Colony should be included in the Master Plan.
8. The proposal of construction of four storied faculty residences in Niti Nagar after demolishing the old single story residences should be included in the Master Plan.
9. The proposal of demolition of 32 old Group 'D' residences adjacent to Convocation Hall and construction of 32 Group 'D' residences in Solani Kunj adjacent to recently built residences to replace the houses to be demolished should be sent to the next meeting of the Building and Works Committee for approval.


05 MAR 2007

10. The demolition of old Mess quarters adjacent to the Ganga Bhawan Mess to accommodate the proposed multi storied Boys Hostel and construction of 3rd floor on the existing Mess quarters in Govind Puri should be sent to the next meeting of the Building and Works Committee for approval.
11. The proposal of demolition of old Ravinder Lok Barracks between DOMS and Ravinder Bhawan and construction of Lecture Hall Complex at this place should be sent to the next meeting of the Building and Works Committee. A letter may also be sent to the concerned authority to shift the NCC Office from Ravinder Lok.
12. A detailed proposal for construction of multi storied complex in the Workshop should be prepared and included in the Master Plan.
13. The 1st draft report of Revised Master Plan should be submitted by 1.1.2007.


12/12/06
(Institute Engineer)

Appendix 'B'
Item No. 17.1

Report of the Committee constituted by B&WC in its meeting held on 25.1.2007 to examine the Buildings proposed for the demolition.

A Committee consisting of the following members, was constituted to inspect and examine the old buildings proposed for the demolition:

1. Chairman, E&W
2. Prof. S. Y. Kulkarni, Department of Architecture & Planning
3. Prof. N.M. Bhandari, Department of Civil Engineering

The Committee inspected the said buildings on 26.2.2007 and recommended as under:

(1) 'D' Category residences No. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj.

In view of the following, the Committee recommends that the residence Nos. 32/1 to 32/5, 33/1 to 33/6, 41/1 to 41/12, 42/1 to 42/9 in Amod Kunj may be demolished.

- (a) These residence are more than 75 years old.
- (b) These residences are in dilapidated condition.
- (c) The old A.C. sheets, Walls and Arches of these residences are damaged and cracked.
- (d) These residences are inhabitable.
- (e) These residences are adjacent to the S.W.P. Hangar (Convocation Hall), and give a poor appearance due to their dilapidated condition.

(2) Mess Workers 'D' Category residence Nos. M-1 to M-16, near Ganga Cautley Bhawan mess.

In view of the following, the Committee recommends that the residence Nos. M-1 to M-16, near Ganga Cautley Bhawan mess may be demolished.

- (a) These residences are more than 75 years old.
- (b) These residences are in a dilapidated condition.
- (c) The walls and roofs of these residences are damaged.
- (d) The CPWD has also desired the demolition of these residences as these are lying in the layout area of the Multi Storeyed Boys' Hostel.

C. Gaitle

[Signature]

N. Bhandari



(3) Ravindra Lok Barrack Nos. 65/1 to 65/6, 66/1 to 66/6 and 67/1 to 67/6.

In view of the following, the Committee recommends that the Ravindra Lok Barrack Nos. 65/1 to 65/6, 66/1 to 66/6 and 67/1 to 67/6 may be demolished.

- (a) These Barracks are more than 100 years old.
- (b) These Barracks are in dilapidated condition and having cracks.
- (c) The roofs and walls of these residences are badly damaged.
- (d) These Barracks are inhabitable.

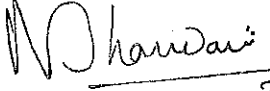
(4) Guest House located in Civil Lines.

In view of the following, the Committee recommends that the Guest House located in Civil Lines, Roorkee may be demolished.

- (a) This Guest House is more than 100 years old.
- (b) Being very old building, the visitors do not prefer to stay in this Guest House thus occupancy is very poor.
- (c) It requires heavy expenses on its maintenance.
- (d) If this building is made to be useable it will require major renovation which will involve heavy expenditure and therefore not justified.
- (e) It is occupying more than 8,000 sq. meter land, which can be used for future expansion.
- (f) It may be demolished only when any building is sanctioned for construction at this space.


(Chairman, E&W)


(Prof. S.Y. Kulkarni)


(Prof. N.M. Bhandari) 26/2



05 MAR 2007


Appendix 'C'
Item No. 17.2

Name of work - Construction of Ten Nos. mess workers Residences at IInd floor in I.I.T. Roorkee.

Analysis of Rates

1	Plinth area Rate.	Rs. 4900.00 Per M ²	A
2.	Extra for framed structure	Rs. 370.00 Per M ²	
3.	Extra for Internal water supply & sanitary @ 5 % at A	Rs. 245.00 Per M ²	
4.	Extra for external water supply & sanitary @ 5 % at A	Rs. 245.00 Per M ²	
5.	Extra for Internal electrification @ 10 % at A	Rs. 490.00 Per M ²	
TOTAL		Rs. 6250.00 Per M²	


S. KRETYAGI
Asst. Resident Engr.
U.P.R.N.N.-Saharanpur



Project Manager
UPRNN Ltd.
Unit Incharge
Muzaffarnagar
U.P.R.N.N. Ltd
Muzaffarnagar


Name of work - Construction of Ten Nos. mess workers Residences at IInd floor in I.I.T. Roorkee.

Abstrast of Cost

1- Cost of work (Plinth Area provided by I.I.T.)	361.81 M ²	@ Rs. 6250.00 = Rs. 22,61,312.00
2- Centage charges of UPRNN		@ 11.5 % = Rs. 2,60,050.00
	TOTAL	<u>=Rs. 25,21,362.00</u>

Say Rs. 25.21 Lac


S. K. TYAGI
Asst. Resident Engr.
U.P.R.N.N.-Saharanpur


Project Manager
UPRNN Ltd.
Unit Incharge
Myzaffarnagar
U.P.R.N.N. Ltd.
Myzaffarnagar

Appendix 'D'
Item No. 17.2

Name of work - Addition of one Bed room and Toilets in 44 nos. Residence
of Vikash Nagar and Niti Nagar, I.I.T. Roorkee.

Analysis of Rates

1	Plinth area Rate.	Rs. 4900.00 Per M ²	A
2.	Extra for framed structure	Rs. 612.00 Per M ²	
3.	Extra for Internal water supply & sanitary @ 5 % at A	Rs. 245.00 Per M ²	
4.	Extra for external water supply & sanitary @ 5 % at A	Rs. 245.00 Per M ²	
5.	Extra for Internal electrification @ 12.5 % at A	Rs. 612.00 Per M ²	
6.	Add for contingencies @ 5% at A	Rs. 24.00 Per M ²	
	TOTAL	Rs. 6859.00 Per M²	


ARE


Project Manager

Name of work - Addition of one Bed room and Toilets in 44 nos. Residence
of Vikash Nagar and Niti Nagar, I.I.T. Roorkee.

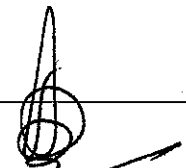
Abstrast of Cost

1- Cost of work (Plinth Area 44 x 24)	1056.00 M ² @ Rs. 6859.00 = Rs. 72,43,184.00
2- Centage charges of UPRNN	@ 11.5 % = Rs. 832956.00
	TOTAL = Rs. 80,76,140.00

Say Rs. 80.76 Lac


ARE


Project Manager

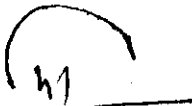

05 MAR 2007

Appendix 'E'
Item No. 17.2

Name of work - Providing Vitrified tile flooring over existing cement concrete floors in 45 Rooms including verandah of KIT Guest Rooms in I.I.T. Roorkee.

Analysis of Rates

1.	Cost of tile	Rs. 775.00 Per M ²
2.	Add for wastage @ 5%	Rs. 38.75 Per M ²
3.	Add for Cement 0.25 Bag @ Rs 218.00	Rs. 54.50 Per M ²
4.	Add for Coarse sand 0.22 Cum @ Rs 400.00	Rs. 108.00 Per M ²
5.	Add for labour Charges @ Rs 100.00	Rs. 100.00 Per M ²
	TOTAL	Rs. 1076.00 Per M²


S. ARETYAGI
Asst Resident Engr.
U.P.R.N.N.-Saharanpur


Project Manager

UPRNN Ltd.
Unit Incharge
Muzaffarnagar
U.P.R.N.N. Ltd.
Muzaffarnagar


Name of work - Providing Vitrified tile flooring over existing cement concrete floors in 45 Rooms including verandah of KIT Guest Rooms in I.I.T. Roorkee.


Abstract of Cost

1	Cost of work	1287.45 M ²	Rs. 13,85,296.00
		@ Rs. 1076.00	
2.	Add 11.5% Centage Charges of UPRNN.		Rs. 1,59,309.00

TOTAL Rs. 15,44,605.00

Say Rs. 15.44 Lac


SARE TYAGI
Asst. Resident Engr.
U.P.R.N.N.-Saharanpur


Project Manager
UPRNN Ltd.
Unit Incharge
Muzaffarnagar
U.P.R.N.N. Ltd
Muzaffarnagar



05 MAR 2007

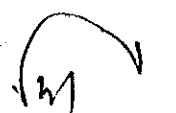
Appendix 'F'
Item No. 17.2

Name of work - Water Proofing and broken tile Terracing for main Building
roof in I.I.T. Roorkee.

Cost of work

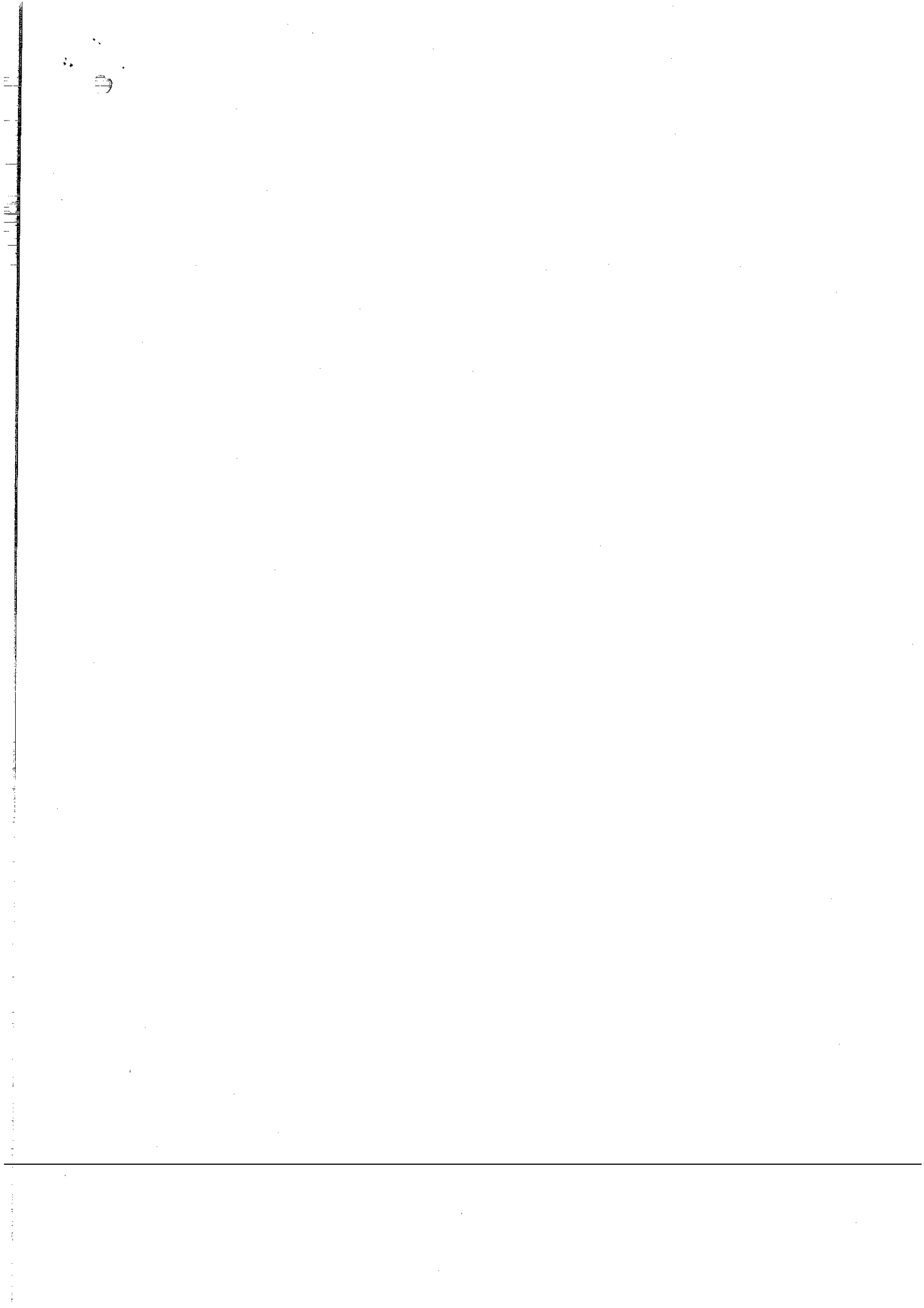
1- Cost of treatment work (Area Provided by I.I.T.)	11148.00 M ² @ Rs. 360.00 = Rs. 40,13,280.00
2- Centage charges of UPRNN	@ 11.5 % = Rs. 4,61,527.00
	TOTAL = Rs. 44,74,807.00

Say Rs. 44.75 Lac


S. AREYAGI
Asst. Resident Engr.
U.P.R.N.N. - Saharanpur


Project Manager

UPRNN Ltd.
Unit Incharge
Muzaffarnagar
Muzaffarnagar




Appendix 'G'
Item No. 17.2


Name of work - Construction of Nine Nos. Suites & Connecting corridor in
M R Chopra Bhavan. I.I.T. Roorkee.

Analysis of Rates

1	Plinth area Rate.		Rs. 4900.00 Per M ²	A
2.	Extra for framed structure		Rs. 612.00 Per M ²	
3.	Extra for Internal water supply & sanitary @ 5 % at	A	Rs. 245.00 Per M ²	
4.	Extra for external water supply & sanitary @ 5 % at	A	Rs. 245.00 Per M ²	
5.	Extra for Internal electrification @ 12.5 % at	A	Rs. 612.00 Per M ²	
6.	Add for contingencies @ 5 % at	A	Rs. 245.00 Per M ²	
TOTAL			Rs. 6859.00 Per M²	


ARE
S. K. TYAGI
Asst. Resident Engr.
U.P.R.N.N.-Saharanpur


Unit Incharge
U. P. K. SINGH
Muzaffarnagar

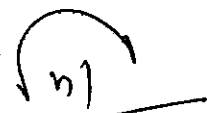

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Name of work - Construction of Nine Nos. Suites & Connecting corridor in
M R Chopra Bhavan. I.I.T. Roorkee.

Abstract of cost

1	Cost of Building (Area Provided by I.I.T.)	397.74 M ² @ Rs. 6859.00	Rs. 27,28,098.00
2.	Add 11.5 % Centage Charges of UPRNN.		Rs. 3,13,131.00
TOTAL			Rs. 3041829.00

Say Rs. 30.42 Lac


S.K. TYAGI
Asst. Resident Engr.
U.P.R.N.N. - Saharanpur


Project Manager
UPRNN Ltd.
Unit Incharge
Muzaffarnagar
Muzaffarnagar