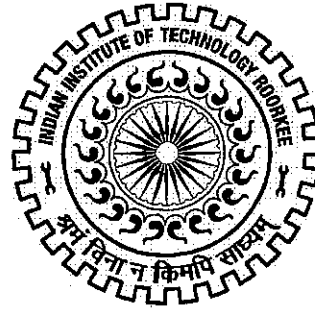


भवन एवं निर्माण कार्य समिति  
की सोलहवीं बैठक का कार्यवृत्त

**MINUTES OF THE  
SIXTEENTH MEETING OF THE  
BUILDING & WORKS COMMITTEE**

**25<sup>TH</sup> JANUARY 2007**



भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की — 247 667 (भारत)

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

16.3.5	To consider the preliminary estimate for construction of the 4 <sup>th</sup> Storey on the rooms being constructed by the UP Rajkiya Nirman Nigam in Jawahar, Govind and Ganga Bhawans.	4
16.3.6	To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of the additional rooms in the Govind, Azad, Rajendra and Cautley Bhawan.	4
16.3.7	To consider the preliminary estimate submitted by the Institute Engineer for the construction of 3 <sup>rd</sup> floor on the existing mess workers residences in Govind Puri (10 residences).	5
16.3.8	To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of Overhead Water Tank of 500 Kilo litre capacity.	5
16.3.9	To consider the preliminary estimate of Rs. 72.90 lacs submitted by the Institute Engineer for the construction of one additional room with toilet in 44 residences of Vikas Nagar and Niti Nagar.	5
16.3.10	To consider the preliminary estimate as submitted by Institute Engineer for providing vitrified tile flooring in the 45 rooms of Khosla International House.	6
16.3.11	To consider the preliminary estimate submitted by the Institute Engineer for water proofing and providing white glazed tile terracing on the roof of the Main Building.	6
16.3.12	To consider the preliminary estimate of Rs. 21,52,500.00 of Superintending Engineer (EI), CPWD, Lucknow to carry out necessary modification/replacement/rectification work	6



# भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की-247 667, उत्तरांचल, भारत

## INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ROORKEE-247 667, UTTARANCHAL, INDIA

प्रो० एस० सी० सखसैना  
निदेशक

**Prof. S. C. SAXENA**

FIE, FIETE, LMNIQR, LBMESI, LMISCEE, LMISTE

**Director**

TEL : +911332-272742, 285500 (O), 272342, 285400 (R)

FAX : +911332-273560, 285815 (O),

e-mail : director@iitr.ernet.in, saxenasuresh@yahoo.co.in

No. IITR/MS/16<sup>th</sup>B&WC/1083

Dated 2<sup>nd</sup> February 2007

**Subject: Recommendations (Minutes) of the 16<sup>th</sup> meeting of the Building and Works Committee held on 25<sup>th</sup> January 2007.**

Enclosed herewith please find a copy of the recommendations (minutes) of the 16<sup>th</sup> meeting of the Building & Works Committee of this Institute held on 25<sup>th</sup> January 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

& Member Secretary, B&WC

02 FEB 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. 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. General Manager,  
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. N.M. 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. Prof. S.Y. Kulkarni  
Department of Architecture & Planning  
Indian Institute of Technology Roorkee  
- Special Invitee for the  
meeting held on  
25<sup>th</sup> January 2007
  13. Lt. Col. (Retd) A. K. Srivastava  
Registrar  
Indian Institute of Technology Roorkee  
- Member Secretary
-



# भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की-247 667, उत्तरांचल, भारत

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

ROORKEE-247 667, UTTARANCHAL, INDIA

प्रो० एस० सी० सक्सैना  
निदेशक

**Prof. S. C. SAXENA**

FIE, FIETE, LMNIQR, LMBMESI, LMISCEE, LMISTE

Director

TEL : +911332-272742, 285500 (O), 272342, 285400 (R)

FAX : +911332-273560, 285815 (O),

e-mail : director@iitr.ernet.in, saxenasuresh@yahoo.co.in

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Encl: as above.

Yours faithfully,

(A.K. Srivastava)

Lt. Col. (Retd.)

Registrar

& Member Secretary, B&WC

02 FEB 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. 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. General Manager,  
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. N.M. 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
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Department of Architecture & Planning  
Indian Institute of Technology Roorkee  
- Special Invitee for the  
meeting held on  
25<sup>th</sup> January 2007
  13. Lt. Col. (Retd) A. K. Srivastava  
Registrar  
Indian Institute of Technology Roorkee  
- Member Secretary
-

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE  
ROORKEE 247 667**



**MINUTES OF THE 16<sup>th</sup> MEETING OF  
THE BUILDING & WORKS COMMITTEE**

Item No.	Particulars	Page(s)
16.1.0	To confirm the minutes of the 12 <sup>th</sup> meeting held on 30 <sup>th</sup> April 2006 and 13 <sup>th</sup> , 14 <sup>th</sup> and 15 <sup>th</sup> meetings (all urgent meetings) held on 24 <sup>th</sup> July 2006, 22 <sup>nd</sup> August 2006 and 26 <sup>th</sup> August 2006, respectively.	2
16.2.0	To receive a report on the actions taken to implement the decisions taken by the Building & Works Committee in its 12 <sup>th</sup> meeting held on 30 <sup>th</sup> April 2006 and 13 <sup>th</sup> , 14 <sup>th</sup> and 15 <sup>th</sup> meetings (all urgent meetings) held on 24 <sup>th</sup> July 2006, 22 <sup>nd</sup> August 2006 and 26 <sup>th</sup> August 2006, respectively.	2
16.3.0	<b>ITEMS FOR CONSIDERATION</b>	
16.3.1	Presentation of the draft report of the Institute Master Plan by Prof. S.Y. Kulkarni.	2
16.3.2	To consider the demolition of 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.	3
16.3.3	To consider the demolition of 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.	4
16.3.4	To consider the demolition of 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.	4

16.3.5	To consider the preliminary estimate for construction of the 4 <sup>th</sup> Storey on the rooms being constructed by the UP Rajkiya Nirman Nigam in Jawahar, Govind and Ganga Bhawans.	4
16.3.6	To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of the additional rooms in the Govind, Azad, Rajendra and Cautley Bhawan.	4
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16.3.8	To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of Overhead Water Tank of 500 Kilo litre capacity.	5
16.3.9	To consider the preliminary estimate of Rs. 72.90 lacs submitted by the Institute Engineer for the construction of one additional room with toilet in 44 residences of Vikas Nagar and Niti Nagar.	5
16.3.10	To consider the preliminary estimate as submitted by Institute Engineer for providing vitrified tile flooring in the 45 rooms of Khosla International House.	6
16.3.11	To consider the preliminary estimate submitted by the Institute Engineer for water proofing and providing white glazed tile terracing on the roof of the Main Building.	6
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	in the lifts of Hill View Apartment by M/S Otis Elevator Co.	
16.3.13	To consider the preliminary estimate of Rs. 27.45 lacs as submitted by the Institute Engineer for the construction of 9 additional suites in M.R. Chopra Bhawan.	6
16.3.14	To consider the demolition of old Guest House located in Civil Lines for construction of the Multi Storeyed Faculty residences.	7
16.3.15	Progress report of the on going / completed Major Works.	7
<b>APPENDICES</b>		
App. 'A'	Estimate for the construction of the 4 <sup>th</sup> storeyed on the rooms being constructed by the U.P. Rajkiya Nirman Nigam in Jawahar Bhawan, Govind Bhawan and Ganga Bhawan, IIT Roorkee	8-11
App. 'B'	Estimate for the construction of the Additional Rooms in the existing hostels- Govind Bhawan, Azad Bhawan, Rajendra Bhawan & Cautley Bhawan IIT Roorkee	12-16
App. 'C'	Estimate for the construction of over head tank of 500 K.L. Capacity at IIT Roorkee	17
App. 'D'	Progress of Ongoing Major Works (as on 31.12.2006)	18

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

**Minutes of the 16<sup>th</sup> Meeting of the Building & Works Committee held on 25<sup>th</sup> January 2007 at 2.30 P.M. 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. Prof. V.K. Gupta, 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. Prof. S.Y. Kulkarni, Arch. & Planning Department      | - Special Invitee   |
| 11. Mr. Prashant Garg, Actg. Registrar                    | - Member Secretary  |

Communications were received from the following members for not attending the meeting:

1. Ms. Seema Raj, Director (T), MHRD, New Delhi
2. Er. O.P. Bhatia, Chief Engineer, CPWD, Lucknow

The Chairman, Building & Works Committee (B&WC), welcomed the members to the 16<sup>th</sup> Meeting of the Committee.

Before taking up the agenda items, the Committee thanked the following outgoing members and recorded its appreciation for their valuable contribution in the meetings of the Committee:

1. Prof. S.C. Jain  
Department of Mechanical & Industrial Engineering
2. Prof. N.M. Bhandari  
Department of Civil Engineering
3. Prof. S.P. Gupta  
Professor-in-Charge Planning

  
02 FEB 2007

The Building and Works Committee also welcomed the following new members and solicited their valuable contribution and active participation in its functioning:

1. Prof. P.K. Jain  
Department of Mechanical & Industrial Engineering
1. Prof. M.N. Viladkar  
Department of Civil Engineering
2. Prof. Surendra Kumar  
Dean, Finance & Planning

**Deliberations:**

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

**Item No. 16.1.0 To confirm the minutes of the 12<sup>th</sup> meeting held on 30<sup>th</sup> April 2006 and 13<sup>th</sup>, 14<sup>th</sup> and 15<sup>th</sup> meetings (all urgent meetings) held on 24<sup>th</sup> July 2006, 22<sup>nd</sup> August 2006 and 26<sup>th</sup> August 2006, respectively.**

Having received no comments, the minutes of the above meetings as recorded and circulated, were confirmed.

**Item No.16.2.0 To receive a report on the actions taken to implement the decisions taken by the Building & Works Committee in its 12<sup>th</sup> meeting held on 30<sup>th</sup> April 2006 and 13<sup>th</sup>, 14<sup>th</sup> and 15<sup>th</sup> meetings (all urgent meetings) held on 24<sup>th</sup> July 2006, 22<sup>nd</sup> August 2006 and 26<sup>th</sup> August 2006, respectively.**

Actions taken on the minutes of the above meetings, as given on page 2-4 of the agenda note were noted.

**Item No. 16.3.1 Presentation of the draft report of the Institute Master Plan by Prof. S.Y. Kulkarni.**

Prof. S.Y. Kulkarni, Department of Architecture & Planning made a detailed presentation of the Institute Master Plan on behalf of the Campus Master Plan Committee before the Building & Works Committee. The B&WC decided that the following also be included in the Institute Master Plan:

1. A separate pipeline network for the Fire Hydrants.
2. Centralised Sewage Scheme alongwith the Sewage Treatment Plant for the campus.

Prof. S.Y. Kulkarni and Prof. Surendra Kumar, Dean (Finance & Planning) may work out the details jointly.

It was also decided that for the renovation of heritage buildings, National Disaster Mitigation Authority (NDMA) may be approached for providing source funds.

The work done by the Institute Master Plan Committee and the presentation made by Prof. S.Y. Kulkarni were appreciated by the B&WC.

The B&WC recommended that the Master Plan be placed, after modifications as above, before the Board of Governors for approval.

**Item No. 16.3.2 To consider the demolition of 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.**

After discussion the B&WC decided that a Technical Committee consisting of the following members be constituted to inspect, examine the buildings proposed for the demolition. The report of the committee alongwith full justifications for demolition of the said buildings be placed before the Board of Governors for consideration:

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

**Item No. 16.3.3 To consider the demolition of 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.**

Same as for item No.16.3.2.

**Item No. 16.3.4 To consider the demolition of 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.**

Same as for item No.16.3.2.

**Item No. 16.3.5 To consider the preliminary estimate for construction of the 4<sup>th</sup> Storey on the rooms being constructed by the UP Rajkiya Nirman Nigam in Jawahar, Govind and Ganga Bhawans.**

The B&WC considered the estimates submitted by the U.P. Rajkiya Nirman Nigam for construction of rooms on the 4<sup>th</sup> Storey (three storeyes are being at present constructed by the U.P. Rajkiya Nirman Nigam) in Jawahar Bhawan, Govind Bhawan and Ganga Bhawan. The B&WC accepted the proposal being on earlier approved rates and decided to recommend that the work be assigned to the U.P. Rajkiya Nirman Nigam, there being an urgent requirement of 125 additional rooms, at an estimated cost of Rs.201.92 lacs (**Appendix 'A'**). The issue be placed before the FC/BoG for acc'ording administrative approval and sanction of expenditure.

**Item No. 16.3.6 To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of the additional rooms in the Govind, Azad, Rajendra and Cautley Bhawan.**

The B&WC considered the estimates submitted by the Central Public Works Department (CPWD) and U.P. Rajkiya Nirman Nigam for construction of the additional rooms in the Govind Bhawan, Azad Bhawan, Rajendra Bhawan and Cautley Bhawan.

The B&WC decided that keeping in view of the performance of the U.P. Rajkiya Nirman Nigam, the

work may be assigned to the U.P. Rajkiya Nirman Nigam at an estimated cost of Rs.483.59 lacs (**Appendix 'B'**). The issue be placed before the FC/BoG for according administrative approval and sanction of expenditure.

**Item No. 16.3.7 To consider the preliminary estimate submitted by the Institute Engineer for the construction of 3<sup>rd</sup> floor on the existing mess workers residences in Govind Puri (10 residences).**

After discussion, the B&WC decided that the proposed works at item No.16.3.7, 16.3.9, 16.3.10, 16.3.11 and 16.3.13 be clubbed and estimates for this work be taken from CPWD, UP Rajkiya Nirman Nigam and other government agencies like NBCC, RITES etc. and the same be placed before the B&WC in the next meeting for its consideration.

**Item No. 16.3.8 To consider the preliminary estimate submitted by the CPWD and UP Rajkiya Nirman Nigam for the construction of Overhead Water Tank of 500 Kilo litre capacity.**

The B&WC considered the estimates submitted by the Central Public Works Department (CPWD) and U.P. Rajkiya Nirman Nigam for construction of the Overhead Water Tank of 500 Kilo litre capacity and decided that the work be assigned to the U.P. Rajkiya Nirman Nigam at an estimated cost of Rs.66.79 lacs (**Appendix 'C'**). However, a list of overhead water tanks constructed earlier by the U.P. Rajkiya Nirman Nigam may be obtained. The Architectural drawing of the Overhead Water Tank shall be obtained for approval by the Chairman, Estate & Works of the Institute. The issue be placed before the FC/BoG for according administrative approval and sanction of expenditure.

**Item No. 16.3.9 To consider the preliminary estimate of Rs.72.90 lacs submitted by the Institute Engineer for the construction of one additional room with toilet in 44 residences of Vikas Nagar and Niti Nagar.**

As per decision taken on item No.16.3.7.

**Item No.16.3.10 To consider the preliminary estimate as submitted by Institute Engineer for providing vitrified tile flooring in the 45 rooms of Khosla International House.**

As per decision taken on item No.16.3.7.

**Item No.16.3.11 To consider the preliminary estimate submitted by the Institute Engineer for water proofing and providing white glazed tile terracing on the roof of the Main Building.**

As per decision taken on item No.16.3.7.

**Item No.16.3.12 To consider the preliminary estimate of Rs.21,52,500.00 of Superintending Engineer (EI), CPWD, Lucknow to carry out necessary modification/replacement/rectification work in the lifts of Hill View Apartment by M/S Otis Elevator Co.**

After discussion the B&WC decided that keeping in view of the dire necessity and urgency of the work, the preliminary estimate of Rs.21,52,500/- submitted by the CPWD to carry out the necessary modification/replacement/ rectification work in the lifts of the Hill View Apartment through M/S Otis Elevator Co. be accepted and recommend for approval of the FC/BoG with the conditions that all efforts shall be made by the CPWD to recover the cost of the rectification from M/S U.T. Ltd. and this amount shall be refunded by the CPWD to the Institute as and when the same is recovered from M/S U.T. Ltd.

**Item No.16.3.13 To consider the preliminary estimate of Rs.27.45 lacs as submitted by the Institute Engineer for the construction of 9 additional suites in M.R. Chopra Bhawan.**

As per decision taken on item No.16.3.7.

**Item No.16.3.14 To consider the demolition of old Guest House located in Civil Lines for construction of the Multi Storeyed Faculty residences.**

The demolition being a part of the Master Plan, is recommended for approval to Board of Governors.

**Item No.16.3.15 Progress report of the on going/completed Major Works.**

The progress of the on going Major Works given at **Appendix 'D'** was noted with the under mentioned observations:

1. The tentative time schedule for starting and completion of the Multi Storeyed Boys' Hostel be obtained from the CPWD.

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



**Appendix 'A'**  
**Item No.B&WC/16.3.5**


**Estimate for the construction of the 4<sup>th</sup> fourth Storeyed on the rooms being constructed by the U.P. Rajkiya Nirman Nigam in Jawahar Bhawan, Govind Bhawan & Ganga Bhawan, IIT Roorkee.**


1. Jawahar Bhawan	Rs. 71.51 lacs
2. Govind Bhawan	Rs. 29.89 lacs
3. Ganga Bhawan	Rs. 100.52 lacs
	-----
<b>Total</b>	<b>Rs. 201 .92 lacs</b>
	-----

Name of work :-- Estimate for Extension of **Jawahar Bhawan** Building at I.I.T Roorkee

**ABSTRACT OF COST ( A )**

S.No	Name of Hostel Building	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in lacs
(1)	Construction of Hostel Building with the provision of toilets Corridor R.C.C Framed structure up to three storey	937.80M <sup>2</sup>	Rs 5376.00	Rs 50.52
(2)	Extra for earthquake resistance	937.80 M <sup>2</sup>	Rs 325.00	Rs 3.05
(3)	Internal water supply & sanitary work @ 8%			Rs 4.03
(4)	Internal Electrification @ 12.5 % with Copper wiring			Rs 6.30
(5)	Power wiring 2 % and External Electrification			Rs 1.00
(6)	Extra for development charges such as Road, drain with the provision of R.C.C / Syntax Tank over roof/ septic tank, soak pit where required		L.S	Rs 2.52
(7)	Extra rate for Brick coba Treatment @ 0.50 %			Rs 0.25
(8)	Extra provision for Internet wiring @0.50 %			Rs 0.25
				-----
				Rs 67.82
(9)	Less 5 % Due to U.P.R.N.N Working		( - )	Rs 3.39
				-----
				Rs 64.43
(10)	Add 11 % U.P.R.N.N Cent age charges		( + )	Rs 7.08
				-----
				<b>Total Rs 71.51 Lacs</b>

  
A.R.E  
U.P.R.N.N.Ltd  
Roorkee ( U.A )

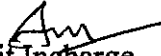
  
Unit Incharge  
U.P.R.N.N Ltd  
Roorkee ( U.A )

Name of work :- Estimate for Extension of Govind Bhawan Building at I.I.T Roorkee

**ABSTRACT OF COST ( B )**

S.No	Name of Hostel Building	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in lacs
(1)	Construction of Hostel Building with the provision of toilets Corridor R.C.C Framed structure up to three storey	392.02M <sup>2</sup>	Rs 5376.00	Rs 21.07
(2)	Extra for earthquake resistance	392.02 M <sup>2</sup>	Rs 325.00	Rs 1.27
(3)	Internal water supply & sanitary work @ 8%			Rs 1.69
(4)	Internal Electrification @ 12.5 % with Copper wiring			Rs 2.63
(5)	Power wiring 2 % and External Electrification			Rs 0.42
(6)	Extra for development charges such as Road, drain with the provision of R.C.C / Syntax Tank over roof/ septic tank, soak pit where required		L.S	Rs 1.05
(7)	Extra rate for Brick coba Treatment @ 0.50 %			Rs 0.11
(8)	Extra provision for Internet wiring @0.50 %			Rs 0.11
				Rs 28.35
(9)	Less 5 % Due to U.P.R.N.N Working		( - )	Rs 1.42
				Rs 26.93
(10)	Add 11 % U.P.R.N.N Cent age charges		( + )	Rs 2.96
				Rs 29.89
				<b>Total Rs 29.89 Lacs</b>

  
A.R.E  
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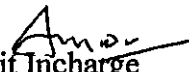
  
Unit Incharge  
U.P.R.N.N Ltd  
Roorkee ( U.A )

Name of work :- Estimate for Extension of ~~Ganga~~ Bhawan Building at I.I.T Roorkee

**ABSTRACT OF COST (P')**

S.No	Name of Hostel Building	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in lacs
(1)	Construction of Hostel Building with the provision of toilets Corridor R.C.C Framed structure up to three storey	1171.03M <sup>2</sup>	Rs 5376.00	Rs 62.95
(2)	Extra for earthquake resistance	1171.03 M <sup>2</sup>	Rs 325.00	Rs 3.81
(3)	Internal water supply & sanitary work @ 8%			Rs 5.04
(4)	Internal Electrification @ 12.5 % with Copper wiring			Rs 7.87
(5)	Power wiring 2 % and External Electrification			Rs 1.26
(6)	Extra for development charges such as Road, drain with the provision of R.C.C / Syntax Tank over roof/ septic tank, soak pit where required		L.S	Rs 3.15
(7)	Extra rate for Brick coba Treatment @ 0.50 %			Rs 0.31
(8)	Extra provision for Internet wiring @0.50 %			Rs 0.31
				Rs 84.70
(9)	Less 5 % Due to U.P.R.N.N Working		( - )	Rs 4.24
				Rs 80.46
(10)	Add 11 % U.P.R.N.N Cent age charges		( + )	Rs 10.06
				Rs 90.52
				Rs 100.52
				<b>Total Rs 100.52 Lacs</b>

  
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**Appendix 'B'**  
**Item No.B&WC/16.3.6**

**Estimate for the construction of the Additional Rooms in the existing hostels- Govind Bhawan, Azad Bhawan, Rajendra Bhawan & Cautley Bhawan IIT Roorkee**

1. Govind Bhawan	Rs. 83.58 lacs
2. Azad Bhawan	Rs. 134.92 lacs
3. Rajendra Bhawan	Rs. 61.40 lacs
4. Cautley Bhawan	Rs. 203.69 lacs


<b>Total</b>	<b>Rs. 483.59 lacs</b>
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Name of Work:- Estimate for extension Govind Bhawan Hostel Building at I.I.T Roorkee

**ABSTRACT OF COST**

S.No	Particular of item	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in Lacs
(1)	Construction of Hostel Building with the provision of Toilets, Corridor, R.C.C framed structure .Up to 3 <sup>rd</sup> storey.	1016.93 M <sup>2</sup>	Rs 5376.00	Rs 54.67
(2)	Extra for R.C.C raft foundation	1016.93M <sup>2</sup>	Rs 888.00	Rs 9.03
(3)	Internal Water Supply & sanitary item @ 8%			Rs 4.37
(4)	Internal Electrification @ 12.50 % with Copper wiring			Rs 6.83
(5)	Power wiring 2 % and external electrification			Rs 1.09
(6)	Extra for development charges such as Road ,drain with the provision of R.C.C / Syntax Tank over roof / septic tank ,soak pit where required		L.S	Rs 2.73
(7)	Extra rate for brick coda treatment @ 0.50 %			Rs 0.27
(8)	Extra for provision of internet wiring @ 0.50 %			Rs 0.27
				Rs 70.26
(9)	Less 5 % Due to U.P.R.N.N Ltd Working	(-)		Rs 3.96
				Rs 75.30
(10)	Add 11 % U.P.R.N.N Ltd Centage Charges	(+)		Rs 8.28
<b>Total Rs</b>				<b>Rs 83. 58 Lacs</b>

  
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Name of Work:- Estimate for extension Azad Bhawan Hostel Building at I.I.T Roorkee

**ABSTRACT OF COST**

S.No	Particular of item	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in Lacs
(1)	Construction of Hostel Building with the provision of Toilets, Corridor, R.C.C framed structure .Up to 4 <sup>th</sup> storey.	1629.52 M <sup>2</sup>	Rs 5376.00	Rs 87.60
(2)	Extra for R.C.C raft foundation	1629.52M <sup>2</sup>	Rs 888.00	Rs 14.47
(3)	Internal Water Supply & sanitary work @ 8 %			Rs 7.00
(4)	Internal Electrification @ 12.50 % with Copper wiring			Rs 10.95
(5)	Power wiring 2 % and external electrification			Rs 1.75
(6)	Extra for development charges such as Road ,drain with the provision of R.C.C / Syntax Tank over roof / septic tank ,soak pit where required		L.S	Rs 5.30
(7)	Extra rate for brick coda treatment @ 0.50 %			Rs 0.44
(8)	Extra for provision of internet wiring @ 0.50 %			Rs 044
(9)	Less 5 % Due to U.P.R.N.N Ltd Working	(-)		Rs 127.95 Rs 6.40
(10)	Add 11 % U.P.R.N.N Ltd Centage Charges	(+)		Rs 121.55 Rs 13.37
<b>Total Rs</b>				<b>Rs 134.92 Lacs</b>

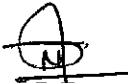
  
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Roorkee

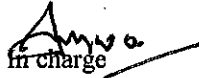
  
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U.P.R.N.N  
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Name of Work:- Estimate for extension **Rajendra Bhawan** Hostel Building at I.I.T Roorkee

**ABSTRACT OF COST**

S.No	Particular of item	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in Lacs
(1)	Construction of Hostel Building with the provision of Toilets, Corridor, R.C.C framed structure .Up to 4 <sup>th</sup> storey.	750.00 M <sup>2</sup>	Rs 5376.00	Rs 40.32
(2)	Extra for R.C.C raft foundation	750.00M <sup>2</sup>	Rs 888.00	Rs 6.66
(3)	Internal Water Supply & sanitary work @ 8 %			Rs 3.22
(4)	Internal Electrification @ 12.50 % with Copper wiring			Rs 5.04
(5)	Power wiring 2 % and external electrification			Rs 0.81
(6)	Extra for development charges such as Road ,drain with the provision of R.C.C / Syntax Tank over roof / septic tank ,soak pit where required		L.S	Rs 2.29
(7)	Extra rate for brick coda treatment @ 0.50 %			Rs 0.20
(8)	Extra for provision of internet wiring @ 0.50 %			Rs 0.20
(9)	Less 5 % Due to U.P.R.N.N Ltd Working	(-)		Rs 58.74 Rs 2.94
(10)	Add 11 % U.P.R.N.N Ltd Centage Charges	(+)		Rs 55.80 Rs 5.59
<b>Total Rs</b>				<b>Rs 61.39 Lacs</b>
				<b>Say Rs 61.40 Lacs</b>

  
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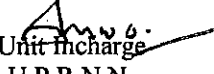


Name of Work:- Estimate for extension Cautalay Bhawan Hostel Building at I.I.T Roorkee

**ABSTRACT OF COST**

S.No	Particular of item	Plinth Area	Plinth Area Rate as per U.P.P.W.D	Amount in Lacs
(1)	Construction of Hostel Building with the provision of Toilets, Corridor, R.C.C framed structure .Up to 4 <sup>th</sup> storey.	2477.53 M <sup>2</sup>	Rs 5376.00	Rs 133.19
(2)	Extra for R.C.C raft foundation	2477.53M <sup>2</sup>	Rs 888.00	Rs 22.00
(3)	Internal Water Supply & sanitary work @ 8 %			Rs 10.66
(4)	Internal Electrification @ 12.50 % with Copper wiring			Rs 16.65
(5)	Power wiring 2 % and external electrification			Rs 2.66
(6)	Extra for development charges such as Road ,drain with the provision of R.C.C / Syntax Tank over roof/ septic tank ,soak pit where required		L.S	Rs 6.66
(7)	Extra rate for brick coda treatment @ 0.50 %			Rs 0.67
(8)	Extra for provision of internet wiring @ 0.50 %			Rs 067
(9)	Less 5 % Due to U.P.R.N.N.N Ltd Working	(-)		Rs 193.16 Rs 9.66
(10)	Add 11 % U.P.R.N.N Ltd Centage Charges	(+)		Rs 183.50 Rs 20.19
				<b>Total Rs Rs 203.69 Lacs</b>

  
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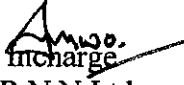
**Appendix 'C'**  
**Item No.B&WC/16.3.8**

Name of work :- Construction of over head tank of 500 K L Capacity at I.I T  
Roorkee in distt Haridwar ( U.A )

**Abstract of cost ( E )**

S.No	Particular of items	Qty	Rate	Amount (in Lacs)
( 1.)	Construction of R.C.C over head tank up to 20.00 M staging Complete	500 KL	Rs 12.50 per Litre	Rs 62.50 Lacs
( 2.)	Less 5 % due to U.P.R.N.N Ltd		( - )	Rs 3.13 Lacs
( 3.)	Add 12.5 % U.P.R.N.N.Ltd Centage charges including architectural & structural drawing		( + )	Rs 7.42 Lacs
				<b>Rs 66.79Lacs</b>

  
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**APPENDIX 'D'**  
**Item No.B&WC/16.3.15**

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE**  
**PROGRESS OF ON-GOING MAJOR WORKS (As on 31.12.2006)**

S/No	Name of Work	Estimated Cost (Rs. in lacs)	Date of Start	Date of completion as per Bar Chart	Probable date of completion	Expenditure upto 31.12.06 Rs. in lacs	Physical Progress/ Present Status upto 31.12.2006
1.	Construction of Community Centre	173.00	27.12.05	30.10.06	28.02.07	110.00	Work in progress.
2.	Construction of New Library Building	1280.00	26.02.04	30.12.05	28.02.07	1170.00	Structural frame work completed. Internal & external finishing is in progress.
3.	Multi Storyed Boys Hosted	2184.00				Nil	Pre qualification process completed.
4.	Extension of Jawahar, Govind, Ravindra & Ganga Bhawan	745.00	20.09.06	30.04.07	31.03.07	520.00	Plaster & flooring work in progress (75% work completed)
5.	Air cooling of SWP Hangar	69.28	27.12.06	26.05.07	26.05.07	7.31	Ducting work is in progress
6.	Renovation of SWP Hangar	129.88	27.12.06	26.06.07	26.06.07	25.20	Dismantling work completed. Other work is in progress.
7.	Renovation of toilets of Hostels and Departments and renovation of messes	241.26	27.12.06	26.11.07	26.11.07	Nil	Work started.

  
02 FEB 2007