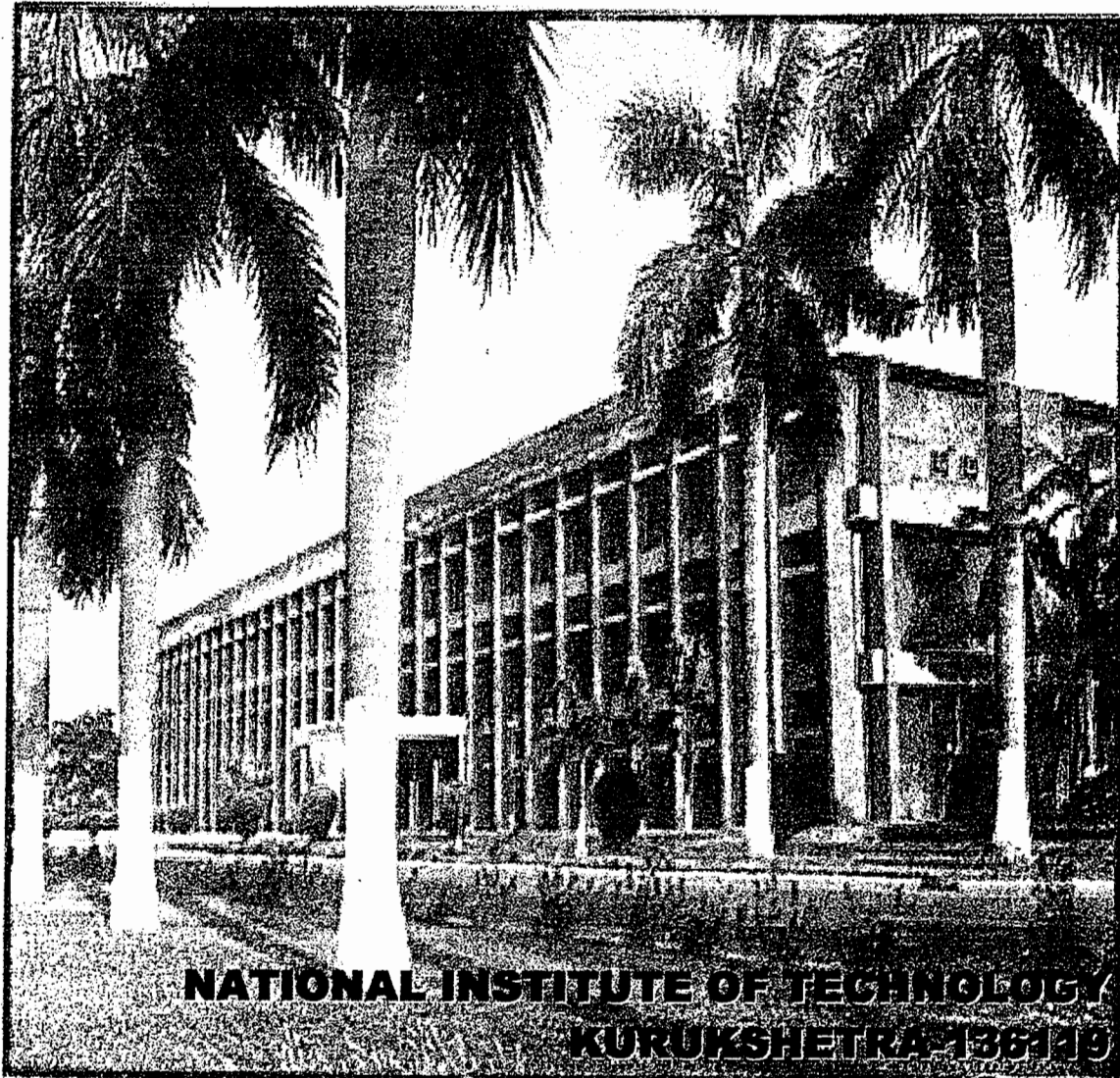




AGENDA FOR 1ST MEETING OF BUILDING & WORKS COMMITTEE

NOVEMBER 8, 2002



**NATIONAL INSTITUTE OF TECHNOLOGY
(DEEMED UNIVERSITY)
KURUKSHETRA-136 119**

AGENDA **For the 1st meeting of the Building & Works Committee,
National Institute of Technology, Kurukshetra.**

PLACE **Board Room of National Institute of Technology, Kurukshetra.**

DAY **Friday**

**DATE &
TIME** **NOVEMBER 8, 2002
4.00 PM**

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CONSTITUTION OF BUILDING & WORKS COMMITTEE

- | | | |
|-----|---|------------------|
| 1. | Dr. N P Mehta
Director,
National Institute of Technology,
Kurukshetra. | Chairperson |
| 2. | Smt. Shakuntala Jakhu, IAS
Director, Technical Education Haryana,
SCO No. 38-39, Sector 17-A
Chandigarh. | Member |
| 3. | Dr. D K Sharma,
Additional Apprenticeship Advisor,
Govt. of India, Ministry of Human Resource Development,
Department of Secondary & Higher Education,
Shastri Bhawan, New Delhi. | Member |
| 4. | Dr. K Subramanian
Advisor-1, AICTE (BOG nominee on BWC),
Indira Gandhi Sports Complex, I.P. Estate,
New Delhi-110002. | Member |
| 5. | Representative of NBCC (Civil Wing),
SCO. 112-113, 4 th Floor, Sector 34A, Chandigarh | Member |
| 6. | Representative of NBCC (Electrical Wing),
SCO. 112-113, 4 th Floor, Sector 34A, Chandigarh | Member |
| 7. | Representative of PWD(B&R), Civil Wing,
Office of Engr-In-Chief, PWD(B&R),
Sector 19B, Chandigarh | Member |
| 8. | Dr. Krishan Gopal, Dean (P&D),
NIT, Kurukshetra. | Member |
| 9. | Dr. R C Bhattacharjee,
Prof. I/C(Estate & Constn.)
NIT, Kurukshetra. | Invitee |
| 10. | Sh. Vijay Malik
Architect, Planners Group,
SCO. 4, 1 st Floor, Sector 17E,
Chandigarh | Invitee |
| 11. | Sh. R P S Lohchab
Registrar,
NIT, Kurukshetra. | Member-Secretary |

Item No. 1.1

To confirm the minutes of the 21th meeting of the Building & Works Committee held on 18.9.2001

The minutes of 21st meeting were circulated amongst the members vide No. EO/21st BWC/7619-28 dated 3.10.2001. No comments were received from any member. The minutes may, therefore, be confirmed.

The present Building & Works Committee (BWC) meeting may be considered as 1st meeting of BWC of NIT, Kurukshetra and 22nd meeting of Building & Works Committee of the Institute.

Item No. 1.2

To report the action taken on the minutes of the 21st meeting of the Building & Works Committee (BWC) held on 18.9.2001

Item No.	Subject	Decision taken	Action taken
21.1	To consider the minutes of the 20 th meeting of the BWC held on 31.5.2001.	Minutes confirmed	No action is required.
21.2	To report the action taken on the minutes of the 20 th meeting of the BWC held on 31.5.2001.	<p>The Committee noted the action taken on various decision taken by BWC.</p> <p>Item (14.3 & 15.2). The Chief Engr. PWD (B&R) was requested to expedite the installation of separate tube well for PWD Colony.</p> <p>Item (17.7) The BWC approved the constn. of New Labs for the emerging areas in different disciplines with an estimated amount of Rs. 128.38 lacs.</p> <p>Item(17.9): The BWC approved the constn. of Extn. Block of College Guest House Buildg. at an estimated amount of Rs. 33.54 lacs.</p> <p>Item(17.11): The BWC approved the constn. of</p>	<p>Tube well has not been installed by the PWD as yet and the matter is to be pursued by the Department of Haryana PWD(B&R).</p> <p>The work is under progress.</p> <p>The work is under progress. A separate item for revision is being put up vide item No.1.8</p> <p>The work is under progress.</p>

	<p>stores(770 sft in E-type and 600 sft in F-type houses) vide item No.18.7 at an estimated cost of Rs.38.07 lacs.</p> <p>Item(17.14): The BWC approved the proposal for the constn. of Shopping Centre-cum-Bank and Post office Buildg. at an estimated cost of Rs. 41.93 lacs.</p> <p>Item(18.4) The BWC approved the RRCE amounting to Rs. 14.95 lacs for construction of OHSR and Rs. 6.41 lacs for constn. of T.W. No.7.</p> <p>Item (18.6) The BWC approved the RCE of Rs. 3.00 lacs for constn. of shed for parking the College Bus and Pick-up-Van.</p> <p>Item(18.8) The BWC approved the RCE amounting to Rs. 10.05 lacs for Storm Water Drains and Garbage Bins in the College campus.</p> <p>Item (19.3)The BWC approved the RCE amounting to Rs. 167.62 lacs for constn. Of 6 Nos. Lect. Theatres.</p> <p>Item (19.4)The BWC approved the RCE amounting to Rs. 221.80 lacs for Constn. of a Gymnasium Hall in the College.</p> <p>Item (19.5 & 19.6) The</p>	<p>Work is under progress.</p> <p>Work is under progress.</p> <p>Work is under progress.</p> <p>Funds awaited.</p> <p>Work is in progress.</p> <p>Funds awaited.</p> <p>Work is under progress.</p>
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		<p>BWC approved the RCE amounting to Rs. 90.72 lacs & 44.73 lacs respectively for constn. of Conference Hall-cum-Retiring / Refreshment Room for Day Scholar in the Institute.</p> <p>Item (19.7) The BWC approved the RCE amounting to Rs. 135.80 lacs for constn. of 7Nos. new labs in Mech. Engg. Dept. and 2Nos.labs. in Computer & Ec. Engg. Dept.</p> <p>Item (19.8)The BWC approved the RCE amounting to Rs.46.24 lacs for the Provision of False Ceiling & Acoustic Treatment in Jubilee Hall.</p> <p>Item (19.9)The BWC approved the RCE of Rs. 18.31 Lacs for provision of Special Repair of Roads in REC Campus (out of College Development Fund).</p> <p>Item (19.10) The BWC Approved the RCE amounting to Rs. 30.26 lacs for Renovation of Existing Reflection Tank.</p> <p>Item(19.11)The BWC approved the RCE of Rs.125.85 lacs for the provision of Glazed Tiles in Hostels, Guest House & Residences (Toilets & Kitchens) and Instructional Buildings (Toilet).</p>	<p>Tenders received. The award is being finalised.</p> <p>Work is under progress.</p> <p>Approved by BOG & funds are awaited.</p> <p>Funds awaited.</p> <p>Funds awaited.</p>
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		<p>Item (19.12)The BWC approved the RRCE amounting to Rs. 78.56 lacs for constn. of 20Nos. F-type(600 Sft.) Residences for Class-III Employees.</p> <p>Item(19.14)The BWC approved the RCE amounting to Rs. 10.67 lacs for Renovation of Elect. installations in Hostel No. 4 & 5, Instructional Buildings & Resi. Buildgs. in the College.</p> <p>Item (19.15)The BWC approved the RCE amounting to Rs.18.39 lacs.for the constn. of Training & Placement Department in the College.</p> <p>Item(19.18) The BWC approved the rough Cost estimate amounting to Rs. 5.00 lacs for carrying out Renovtn/Special repairs of Lawns in the College.</p> <p>Item (19.19)The BWC approved the rough cost estimate amounting to Rs. 15.00 lacs for carrying out Renovtn/Special repairs of Hostels and residences.</p> <p>Item (19.20)The BWC approved the RCE of Rs. 5.00 lacs.for Renovtn./ Replacement of old PH Fittings & Water-Supply-Disposal network.</p>	<p>Funds awaited.</p> <p>Work in progress.</p> <p>Funds awaited.</p> <p>Work is under progress.</p> <p>Rs. 10.00 lacs released during 2000-2001. Work is under progress. A separate item for revision of cost is being put up vide item No. 1.10.</p> <p>Work is under progress.</p>
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		<p>Item (20.3) The BWC approved the RCE amounting to Rs.19.28 lacs for PCC Approach Path to the residences.</p> <p>Item(20.4) The BWC approved the RCE amounting to Rs.32.53 lacs for the construction of 32 No. Garages in Various Residences in the Campus.</p> <p>(Item 20.5)The BWC approved the RCE amounting to Rs.6.41 lacs for the provision of front compound wall in E & F type Residences in the Institute.</p> <p>(Item 20.6) The BWC approved the RCE amounting to Rs1.55 lacs for for providing Barbed Wire Fencing around PG Hostel.</p> <p>Item (16.5 & 20.7)The BWC approved the RRCE amounting to Rs107.91 lacs for the Extn. Of Library Building.</p> <p>Item (16.9 & 20.9)The BWC approved the RRCE amounting to Rs35.95 lacs for the Construction of Bearer Barracks.</p> <p>Item (17.6 & 20.10) The BWC approved the RRCE amounting to Rs 50.36 lacs for providing PCC Hard Standing around the Instructional Building.</p>	<p>Rs. 16.63 lacs released during 2001-2002 & 2002-2003. Work is under progress.</p> <p>Funds awaited</p> <p>Work is completed.</p> <p>Work in progress.</p> <p>Work in Progress.</p> <p>Work in Progress.</p> <p>Work in Progress.</p>
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		<p>Item (17.16 & 20.11) The BWC approved the RRCE amounting to Rs. 54.47 lacs for constn. of Community Centre in Institute.</p> <p>Item (19.13 & 20.12) The BWC approved the RRCE amounting to Rs. 11.844 lacs for constn. of 12 No.s garages in the Institute.</p> <p>Item (20.13) The BWC approved for auctioning the existing Gas Plant and to convert it into Canteen/any other purposes.</p> <p>Item (20.14) The BWC advised the PWD(B&R) to refer the case of unauthorised Diversion of College Plan grant by PWD (B&R) for the settlement of account of Sh. S R Aggarwal. NIT, Kurukshetra. for re-examination.</p>	<p>Funds awaited. A separate agenda Item for revision of cost is being put up vide item No. 1.9.</p> <p>Work in Progress.</p> <p>BOG approved this item.</p> <p>No response from PWD (B&R) so far.</p>
21.3	To consider and approve the proposal for engaging M/s National Buldg. Corporation Ltd. For the new construction work in NIT, Kurukshetra.	The BWC approved the proposal for engagement of M/s National Buldg. Corporation Ltd. for the new construction work in NIT, Kurukshetra.	Few works have been allotted to NBCC Ltd. And their working is satisfactory.
21.4	To consider and approve the addl. 120 seater Girls Hostel in NIT, Kurukshetra.	The BWC approved the RCE amounting to Rs. 204.54 lacs for this work.	Rs. 216.65 las allotted during FY 2002-03. The tender is under process. A separate itcm for revision of cost is being put up vide item No. 1.3 (for 200 seaters)
21.5	To consider and approve the final	The BWC approved the RCE amounting to Rs.	Funds received and transferred to PWD (B&R).

	amount of Rs. 2.32 lacs for providing PH External Services in 4 Nos. Professors' residences (1600 Sft.) to meet up the PWD (B&R) liabilities.	2.23 lacs for this work.	
21.6	To consider and approve the final estimate for providing Estate & PH Services for 8 No. houses (600 Sft.) for Class III employees.	The BWC approved the RCE amounting to Rs. 2.11 lacs for this work.	Funds received and transferred to PWD (B&R).
21.7	To consider and approve final estimate for PH external services in sports office-cum-stadium.	The BWC approved the RCE amounting to Rs. 0.76 lacs for this work..	Funds received and transferred to PWD(B&R).
21.8	To consider and approve the additional estimate for providing PH eminities in the extension block of Health Centre Bldg.	The BWC approved the RCE amounting to Rs. 1.20 lacs for this work	Funds received and transferred to PWD(B&R).
21.9	To consider and approve the special repairs in respect of Plastering, flooring and PII fitting in the Messes and Toilet of hostel No. 1 to 5.	The BWC approved the RCE amounting to Rs. 69.48 lacs for this work.	Funds awaited.

Item No.1.3 To consider and approve the RRCE for Construction of Additional (200 seaters) New Girls Hostel instead of (150 Seaters) Girls Hostel in National Institute of Technology, Kurukshetra.

The present Girls Hotel having a capacity of 91 seats was constructed in two phases. Earlier, the number of girls student taking admission in Engineering disciplines was negligible, which increased manifold since last decade. Consequently, there is increasing demand for seats in the girls hostel. At present the girls students residing in girls hostel are 135 comprising B.Tech., M.Tech. and Ph.D. students. Due to the shortage of seats in the Girls Hostel, some girl students decline taking admission in National Institute of Technology, Kurukshetra. Despite that the girl students taking admission in the College is about 10% of the total strength of 1600 i.e. a strength of 160. Since more and more number of girl students are interested to come in the engineering stream and intake of the students is going to be almost double, as proposed by MHRD, it is anticipated that the strength of girl students will cross more than 300 Nos. in the immediate future. Thus there is a need to augment the capacity of the Girls' Hostel by atleast 200 seats.

The matter was placed before the 21st meeting of Building & Works Committee vide Item No. 21.4 for construction of a 120 seater Girls' Hostel with an estimated cost of Rs. 204.54 lacs. The Building & Works Committee approved the estimate as submitted by State PWD(B&R). Later, it was decided to construct a 200 seater Hostel in place of 120 seats, keeping in view the proposed increase in intake capacity. The NBCC submitted an estimate of Rs. 297.83 lacs, which was approved provisionally by the Chairman, BWC vide item No. 22.3.

In view of the position explained above, it is proposed that the BWC may consider and approve an additional Girls Hostel comprising 200 seats to be constructed at an estimated cost of Rs. 297.83 lacs. However, a sum of Rs. 216.65 lacs has already been released by the MHRD, Govt. of India for the financial year 2002-2003.

**RRCE for Construction of Additional (200 seaters) New Girls Hostel
instead of (150 Seaters) Girls Hostel in National Institute of Technology,
Kurukshetra**

S.No.	Description	Area	Unit	Cost	Amount
A. <u>BUILDING PORTION</u> (Load bearing construction Soil bearing capacity-8 MT/sqm)					
	(I) Ground Floor only	868	sqm	3450/-	29,94,600
	(II) Ground Floor	1367	sqm		
	(III) First Floor	1367	sqm		
	(IV) Second Floor	1357	sqm		
	(V) Mumty	40	sqm		
		4131	sqm	4050	1,67,30,550
	(VI) Balcony Area	614	sqm	2250	13,81,500
			Total		2,11,06,650 (A)
B. <u>ADDITIONAL WORK</u>					
	(I) Construction of 8'-0" high boundry wall with 2'-0" barbed wire fencing	350	RM	3000	10,50,000
	(II) Check Post & Gate			L.S.	50,000
	(III) Provision of Concrete Road	56	SM	400	22,400
	(IV) Prov. of kerb & Channel	112	RM	225	25,200
					11,47,600 (B)
C. <u>SERVICES</u>					
	(I) PH internal services @ 7% of building cost i.e Rs. 2,11,06,650				14,77,465
	(II) Internal Electrical work @ 10% of 2,11,06,650				21,10,665
	(III) Provision of Landscaping			L.S.	50,000
	(IV) External water supply and severage (L.S.)				5,00,000
	(V) Room Furniture(L.S)				7,83,200
					48,21,330 (C)
D.					
	(I) Provision for other furniture			18,00,000	
	(II) Provision for fire fighting/fire alarm system			5,00,000	
	(III) Provision for Computers and allied wares			10,00,000	
	(IV) Provision for external electrical works H.T./L.T. supply			5,00,000	
				38,00,000	
	Total A+B+C			=	2,70,75,580
	NBCC Charges 10%			=	27,07,558
	Total				2,97,83,138
				Say Rs.	297,83 lacs

-Sd-

**Project Manager Incharge
NBCC Ltd., NIT Kurukshetra**

Item No. 1.4

**To consider and approve REC for the Construction of (350 Seaters)
Boys' Hostel in National Institute of Technology, Kurukshetra**

At present there are 5 Nos. UG and 1 No. PG. Hostels having a capacity of about 1350 seats available for boys against the sanctioned intake of about 1500 students. The intake is proposed to be increased two fold from the next academic session. Hence, to coup up with the sudden increase in strength, an additional Boys' Hostel with a capacity of 350 seats is proposed to be constructed. The NBCC submitted an estimate of Rs. 593.38 lacs which was approved provisionally by the Chairman, BWC for the construction of the hostel.

It is, therefore, proposed that the BWC may please consider & approve the above proposal for construction of an additional 350 seater boys hostel at the cost of Rs. 593.38 lacs.

**REC for the Construction of (350 Seaters) Boys' Hostel in National
Institute of Technology, Kurukshetra**

**A. BUILDING PORTION (R.C.C. framed structure construction except dinning/kitchen
which will be load bearing construction)
(Soil Bearing capacity 8 MT/sqm)**

S.No.	Description	Area	Unit	Cost	Amount
1.	Ground floor only	794	SM	3450	27,39,300
2.	Ground floor	1950	SM		
3.	First floor	1950	SM		
4.	Second floor	1950	SM		
5.	Third floor	<u>1950</u>	SM	5350/-but restricted to	
		7800	SM	5000	3,90,00,000
5.	Balcony Area all floors	1563	SM	2250	<u>35,16,750</u>
					4,52,56,050 (A)

B. ADDITIONAL WORK

1.	Barbed wire fencing	414	RM	500	2,07,000
2.	Check Post + gate			L.S.	50,000
3.	Provision of concrete Pavement	320	SM	400	1,28,000
4.	Provision of kerb and Channel	40	RM	225	<u>9,000</u>
					3,94,000 (B)

C. SERVICES

1.	PH internal services @ 7% of building cost i.e Rs.4,52,56,050				31,67,923
2.	Provision of Electrical work @ 10% of building cost i.e. 4,52,56,050				45,25,605
3.	Provision of Landscaping(L.S)				1,00,000
4.	External water supply and sewerage (L.S)				<u>5,00,000</u>
					82,93,528 (C)

D.

1.	Provision for furniture as per Boys Hostel	42,00,000	D
2.	Provision for fire fighting/fire alarm system	8,00,000	
3.	Provision for computer & allied work	10,00,000	
4.	Provision for external electrical works H.T./L.T supply	<u>10,00,000</u>	
		<u>70,00,000</u>	

Total A+B+C	=	5,39,43,578
Add NBCC Charge @ 10%	=	<u>53,94,358</u>
		Rs. 5,93,37,936
Say		Rs. 593.38 lacs

-Sd-

**Project Manager Incharge
NBCC Ltd., NIT Kurukshetra**

Item No. 1.5 **To consider and approve the Construction of Front Compound Wall in G-type houses in National Institute of Technology, Kurukshetra.**

In G-type residences meant for class-IV employees, there is no front boundary wall, thus exposing the houses to cattle and trespassers. Hence, it was proposed to construct front boundary walls in these residences with an estimated cost of Rs.3.95 lacs. The proposal was approved provisionally by the Chairman, Building & Works Committee vide item No. 22.5.

It is, therefore, requested that the BWC may consider & approve the proposal for Construction of Front Compound Wall in G-type houses at an estimated cost of Rs.3.95 lacs.

ABSTRACT OF COST

S.No.	Description	Qty.	Unit	Rate	Amount
1.	constn. of 3' 8 1/2" high 9" thick compound wall	350	Rmt.	645.00	2,25,750.00
2.	Constn. of Gate Pillars	62	Nos.	1500.00	93,000.00
3.	Gate-Wrought iron and mild steel using angles, gate grills "HSR 18.12	16.32	Qntl.	2,184.74	<u>35,655.00</u>
				Total Rs.	3,54,405.00
	Add 10% extra for the difference of HSR & Market rates				<u>35,440.00</u>
					3,89,845.00
	Add. 1 1/2 % cont. & P charges				<u>5,848.00</u>
					3,95,693.00
	Add @ 14% Departmental charges				<u>55,397.00</u>
				Total Rs.	4,51,090.00

-sd-

**Sub Divisional Engineer,
Provincial Sub Division No. I
Ambala Cantt.**

Item No.1.6

To consider and approve the RCE for Construction of External Boundary Wall of the National Institute of Technology, Kurukshetra.

The National Institute of Technology, Kurukshetra is situated in a remote location over an area of about 300 acres. At present, the entire area is exposed from all sides causing potential threat from miscreants/trespassers and cattle etc. Due to security hazard, it has become imperative to construct boundary wall around the Institute over a length of about 3500 m at an estimated cost of Rs. 59.92 lacs.

The proposal was provisionally approved by the Chairman, Building & Works Committee vide Item No. 22.6.

It is, therefore, requested that the BWC may consider & approve the above proposal for Construction of Boundary Wall around the Institute at an estimated cost of Rs.59.92 lacs.

ABSTRACT OF COST

S.No.	Item	Qty.	Unit	Rate	Amount
1.	Total Length of boundary wall	3500	RM	1410/-	Rs.49,35,000/-
2.	Barbed wire fencing	3775	RM	280/-	Rs.10,57,000/-
					Rs. 59,92,000/-

Note:- The above rates are inclusive of NBCC Ltd. charges.

Say. **Rs. 59.92 lacs**

sd-
**Project Manager Incharge
NBCC Ltd., NIT Kurukshetra**

Item No. 1.7 To Consider and approve the RCE for Provision of Renovation of toilets in the Instructional Buildings i/c replacement of PH fittings in National Institute of Technology, Kurukshetra

The Instructional Building in the Institute was constructed about 40 years back. All the toilets in this Building have become very shabby needing immediate attention. The PH fittings have outlived their lives thus leaking profusely all around causing inconvenience to the users and damage to the building. It was, therefore, proposed to renovate 13 Nos. toilets with modern amenities at an estimated cost of Re. 10.65 lacs.

The proposal was provisionally approved by the Chairman, Building & Works Committee vide item No. 22.7. It is, therefore, requested that the BWC may consider & approve the above proposal amounting to Rs. 10.65 lacs. However, the funds have been sanctioned by the MHRD, New Delhi during the year 2002-2003.

RCE for Provision of Renovation of toilets in the Instructional Buildings i/c replacement of PH fittings in National Institute of Technology, Deemed University, Kurukshetra.

ABSTRACT OF COST

S.No.	HSR Item No.	Item	Qty.	Unit	HSR Rate	Amount
1.	NS	Kotastone flooring 20mm thick over 20mm thick cement mortar (1:4)	225	Sqm	@ 500/-	1,12,500.00
2.	NS	Kotastone Skirting 20mm thick over 15mm thick cement mortar (1:3)	56	Sqm	@ 550/-	30,800.00
3.	NS	White glazing Tile 200x100x5mm thick over 12mm thick cement mortar (1:3)	785	Sqm.	@ 475/-	3,72,875.00
4.	NS	Removing of existing Mosaic floor/ skirting by chiselling		L.S.		32,000.00
5.		Disposal of Debries by Head load and tractor trolley		L.S.		3,500.00
6.		Provision for replacement of China Ware and Urinal Channel etc.		L.S.		2,00,000.00
7.	NS	20 mm Thick Kota stone in staircase over 20mm thick cement mortar (1:4)	33.3	Sqm.	@ 550/-	18,315.00
8.	NS	Kota stone in Nosing 20mm thick	85	Rm	@ 30/-	2,550.00
9.		Replacement of damaged C I pipes and fittings		L.S.		2,14,000.00
						9,86,540.00
					Add NSC charges @ 8%	79,003.00
						10,65,543.00
					Say Rs.	10.65lacs

-Sd-

**Project Manager Incharge
NBCC Ltd., NIT Kurukshtra**

Item No. 1.8

To consider and approve the RRCE for extension Block of Guest House Building (Renovation of Existing Guest House Bldg.), National Institute of Technology, Kurukshetra.

The existing Guest House having inadequate space is proposed to be extended. For this purpose, the Building & Works Committee approved the Rough cost Estimate of Rs. 33.54 lacs for the above work, the funds for which have already been received from Government of India. The construction is in progress. An additional amount of Rs.1.42 lacs has already been released by GOI (MHRD) for the financial year 2002-2003 to provide the plinth protection and aluminium glazing for the existing guest house, thus making the total estimate to Rs. 34.95 lacs.

Therefore, it is requested that the BWC may consider & approve the proposal of above RRCE amounting to Rs.34.96 lacs.

RRCE for extension Block of Guest House Building (Renovation of Existing Guest House Bldg.) National Institute of Technology, Kurukshetra.

ABSTRACT OF COST

S.No.	HSR Item No.	Item	Qty.	Unit	HSR Rate	Amount
1.	NS	Supplying & fixing aluminium glazing anodised 45 mm thick, 65 mm, wide of 14 gauge with 5.5 mm thick flat glass of Modi guard etc. complete.	34.46	sqm	2393/-	82,457/-
2.	14.12	Plinth Protection	119.84	sqm	171.12	20,508/-
3.	11.4	Toe wall of Plinth protection	15.99	cum	1188.88	19,010/-
4.	6.6	Earth work of Toe Wall	6.85	%cum	3324.30	228/-
					Total Rs.	1,24,036/-
		Add 1½ Contingencies, P.E. charges				1,853/-
					Total Rs.	1,24,036/-
		Add 14% departmental charges				15,365/-
					Total Rs.	1,41,491/-
					Say Rs.	1.42 lacs
		Add Amount already approved vide BWC Item 17.9				33.54 lacs
					G.Total	34.96 lacs

Sd-
Sub Divisional Engineer,
Provincial Sub Divn.No.I
P.W.D. (B&R) Ambala Cantt.

Item No. 1.9

To consider and approve RRCE for Construction of Multi Purpose Room (Community Centre) in the Institute. National Institute of Technology, Kurukshetra.

The Building & Works Committee in its 17th meeting held on 26.3.1999 approved the construction of Community Centre in the Institute with an estimated cost of Rs.11.00 lacs vide item No. 17.16. While considering the item in the above meeting, the BWC observed that the scope of the work should be changed to suit the requirements of social gatherings/marriages etc. in the campus. Accordingly, the Architectural Drawings for the Community Centre were re-drawn. The Building & Works Committee, on the basis of the new Architectural Drawings approved the revised rough cost estimate of Rs.54.47 lacs vide Item No. 20.11 in its meeting held on 31.05.2001. In the meantime the Architectural Drawings have been redesigned by the Architecture with revised rough cost estimate amounting to Rs.64.15 lacs.

The BWC may please consider and approve the construction of the Multi Purpose room (Community Centre) with an estimated cost of Rs. 64.15 lacs.

**RRCE for Construction of Multi Purpose Room (Community Centre) in the Institute,
National Institute of Technology, Kurukshetra.**

ABSTRACT OF COST

**A. BUILDING WORKS (R.C.C. framed structure construction)
(Soil bearing capacity 8MT/sqm)**

S. No.	Description	Area	Unit	Rate	Amount
1.	Area covered at Ground Floor (3 M height)	182	SM	4600	8,37,200
	(4.5 M height)	470	SM	5000	23,50,000
2.	Area covered at first floor	120	SM	4600	<u>5,52,000</u>
					37,39,200 (A)

B. ADDITIONAL WORKS

1.	Construction of boundary wall 1.2 m high	152	RM	1500	2,28,000
2.	Security check post & Gates			L.S.	2,00,000
3.	Provision of concrete pavement/parking	1250	SM	400	5,00,000
4.	Provision of kerb and channel	216	RM	225	<u>48,600</u>
					9,76,600 (B)

C. SERVICES

1.	Public health internal Service @ 10% of building Cost 37,39,200				3,73,920
2.	Provision of Electrical @ 12.50% of the building cost 37,39,200				4,67,400
3.	Provision of Landscape @ 2% of 37,39,200				74,784
	External Services (L.S)				<u>2,00,000</u>
					11,16,104(C)

D. SPECIAL WORKS (Provisions)

1.	False ceiling and wall panelling only two halls approx 900 sqm	5,00,000			
2.	Air conditioning- 40 TR	9,00,000			
3.	Audio system	1,50,000			
4.	External fountains etc.	50,000			
	Total A+B+C =				58,31,904
	Add NBCC charges 10%				<u>5,83,190</u>
					64,15,094

Say Rs. 64.15 lacs

-Sd-

**Project Manager Incharge
NBCC Ltd., NIT Kurukshetra**

Item No. 1.10

To consider and approve the RRCE for provision of Special Repair of Hostel, Instructional Buildings and Residences, National Institute of Technology, Kurukshetra.

The age old 5 Nos boys hostels in the Institute require special repair in terms of replacement of doors, windows, wire gauge shutters, wooden chowkats, shelves, plastering on the walls etc. Similarly, some of the residences in the campus are more than 35 years old requiring urgent attention in terms of replacement of wooden fixtures (i.e. doors, windows, Chowkats etc.), plastering of walls etc. To initiate this urgent task, a sum of Rs. 15.00 lacs (Rs.10.00 lacs for hostels and Rs.5.00 lacs for residences) was required as approved by the Building & Works Committee vide item No.19.19. An amount of Rs. 10.00 lacs was released by the Government of India, MHRD, during the financial year 2000-2001. Keeping in view the volume and extent of work the estimate has been revised to Rs. 30.00 lacs. The work is in progress. The GOI , MHRD has released Rs. 5.00 lacs during this financial year to keep work continued.

Therefore, it is proposed that the BWC may consider & approve the RRCE amounting to Rs.30.00 lacs as stated above.

Item No. 1.11

**To consider and approve the Construction of Parking sheds for
Vehicles at different places in NIT, Kurukshetra**

For the purpose of providing 460 Sqm. of low cost fibre glass mounted parking shed around the Instructional and Administrative buildings, a sum of Rs. 5.00 lacs has already been sanctioned by GOI for the financial year 2002-2003.

It is therefore, requested that the BWC may consider and approve the RCE amounting to Rs. 5.00 lacs for the construction of Parking Sheds for vehicles at NIT, Kurukshetra.

ABSTRACT OF COST

S. No.	Item	Qty.	Unit	Rate	Amount
1.	Providing, fabricating & installation of parking sheds made out of MS pipe/ angle iron/MS flat etc. and covered with fibreglass sheets	460	sqm	1000	4,60,000/-
				Add NBCC charges 8%	<u>36,800/-</u>
				Grand Total:	4,96,800/-
				Say Rs.	5.00 lacs

sd-
Project Manager Incharge
NBCC Ltd., NIT Kurukshetra

Item No. 1.12

**To consider and approve the RRCE for Replacement of ACC sheets
and provision of IRC fabrics in Workshop Block etc., NIT,
Kurukshetra**

The age old ACC sheets provided in the Workshop block have outlived their lives, thus needing replacement. Similarly, some IRC fabrics are to be provided in the glazing portion preventing possible theft and intrusion of birds. It is, therefore, proposed to replace some of the ACC sheets and provide IRC fabrics in the Workshop Block at an estimated cost of Rs.3.00 lacs. The proposal was provisionally approved by the Chairman, Building & Works Committee vide item No. 22.12. The GOI, MHRD has already sanctioned an amount of Rs. 3.00 lacs during 2002-2003.

It is, therefore, requested that BWC may consider and approved the RCE amount to Rs. 3.00 lacs for the above proposal.

Item No. 1.13

To consider and approve Rough cost estimate for provision of PCC hard standing and path for parking vehicles in front of shopping centre-cum-Bank and Post office Building in NIT, Kurukshetra

In NIT, Kurukshetra, a Shopping Centre Complex comprising of shops, Bank Building and Post Office is under construction. The complex is expected to be handed over by PWD (B&R) within 3 months. At present, there is no provision for any approach/parking in front of the complex. To make the shopping Centre operational it is necessary to construct concrete approach/parking in front of the complex at an estimated cost of Rs. 9.78 lacs. Further, the Government of India has already made plan allocation for the year 2002-2003, where the above provision for construction of approach/parking was not made. However, the Government of India sanctioned a sum of Rs. 9.63 lacs for the provision of PCC approach path to residences (serial No. 25, Proforma-I annual plan proposal 2002-2003). Keeping in view, the urgency of the construction of approach path/parking in front of the shopping Centre to make the complex operational, it is proposed that a sum of Rs.9.63 lacs as mentioned above may be utilized for the construction of the approach path/parking in front of the shopping Centre against a total requirement of Rs.9.78 lacs.

The BWC may consider and approve the above proposal for the construction of the PCC Hard Standing before the Shopping Centre at an estimated cost of Rs.9.78 lacs.

**Rough cost estimate for provision of PCC hard standing and path
For parking vehicles in front of shopping centre-cum- Bank and
Post office Building in NIT, Kurukshetra**

ABSTRACT OF COST

S.No.	HSR No.	Item	Qty	Unit	Rate	Amount
1.	N.S.	Earth work broght from out side with an avg. lead of 10 km including watering rolling etc. complete in all respect	163.38	cum	106.40	17,383/-
2.	6.6	Earth work in excavation in foundations	19.41	cum	1108.10	215/-
3.	10.26	Lean concrete 1:8:16 with B.B.40 mm Nominal size	0.79	cum	300.20	237/-
4.	11.4	Ist class BBW in cement sand mortar 1:6 in Ist storey	11.66	cum	424.60	4,951/-
5.	11.48(a)	Ist class BBW 11.43cm thick in CM 1:4	144.27	sqm	55.10	7,949/-
6.	11.50	7.62 cm thick Ist class BBW in cm 1:6	23.41	sqm	51.00	1,194/-
7.	10.77	PCC 1:2:4 in kerb & channels	13.03	cum	942.50	12,281/-
8.	10.132	Lean conc. 1:6:12 in road/pavement/taxi	217.58	cum	348.25	75,722/-
9.	10.142	PCC 1:2:4 in road pavement & taxi track	217.58	cum	642.40	1,39,773/-
10.	Prov.	Providing bituminous joint			L.S.	1,000/-
11.	Prov.	Root out the cut out tree roots			L.S.	20,000/-
12.	Prov.	Construction of 2' dia H.P culvert			L.S.	15,000/-
13.	14.52 (C) (i)	Marble stone 20 mm to 25 mm flooring in beds & walls	102.37	sqm	779	79,746/-
14.	Prov.	Painting on Kerbs			L.S.	2,000/-
						Total Rs.
						3,77,501/-
Add 200% premium on item No.2 i.e. on Rs.215/-						430/-
Add 150% premium on item Nos.3,7,8 & 9 i.e.on Rs.2,28,063/-						3,42,095/-

Add 180% premium on item Nos 4 to 6 i.e.on Rs. 14,094/-		25,369/-
Add 60% premium on item No.13 i.e.on Rs.79,748/-		<u>47,848/-</u>
	Total	Rs7,93,243/-
Add 5% extra for the difference of HSR & Market rates		<u>39,662/-</u>
	Total	Rs.8,32,905/-
Add 1 ½ % contingencies, P.E. Charges		<u>12,494/-</u>
	Total	Rs.8,45,399/-
Add 15.7 % Depatt Charges & Arch.Charges		<u>1,32,728/-</u>
	G.Total	Rs. 9,78,127/-
	Say	Rs. 9.78 Lacs.

Sd/-
Sub Divisional Engineer,
Provincial Sub Division No I,
Ambala Cantt.

Sd/-
Executive Engineer,
Provincial Division No II,
Ambala Cantt.

