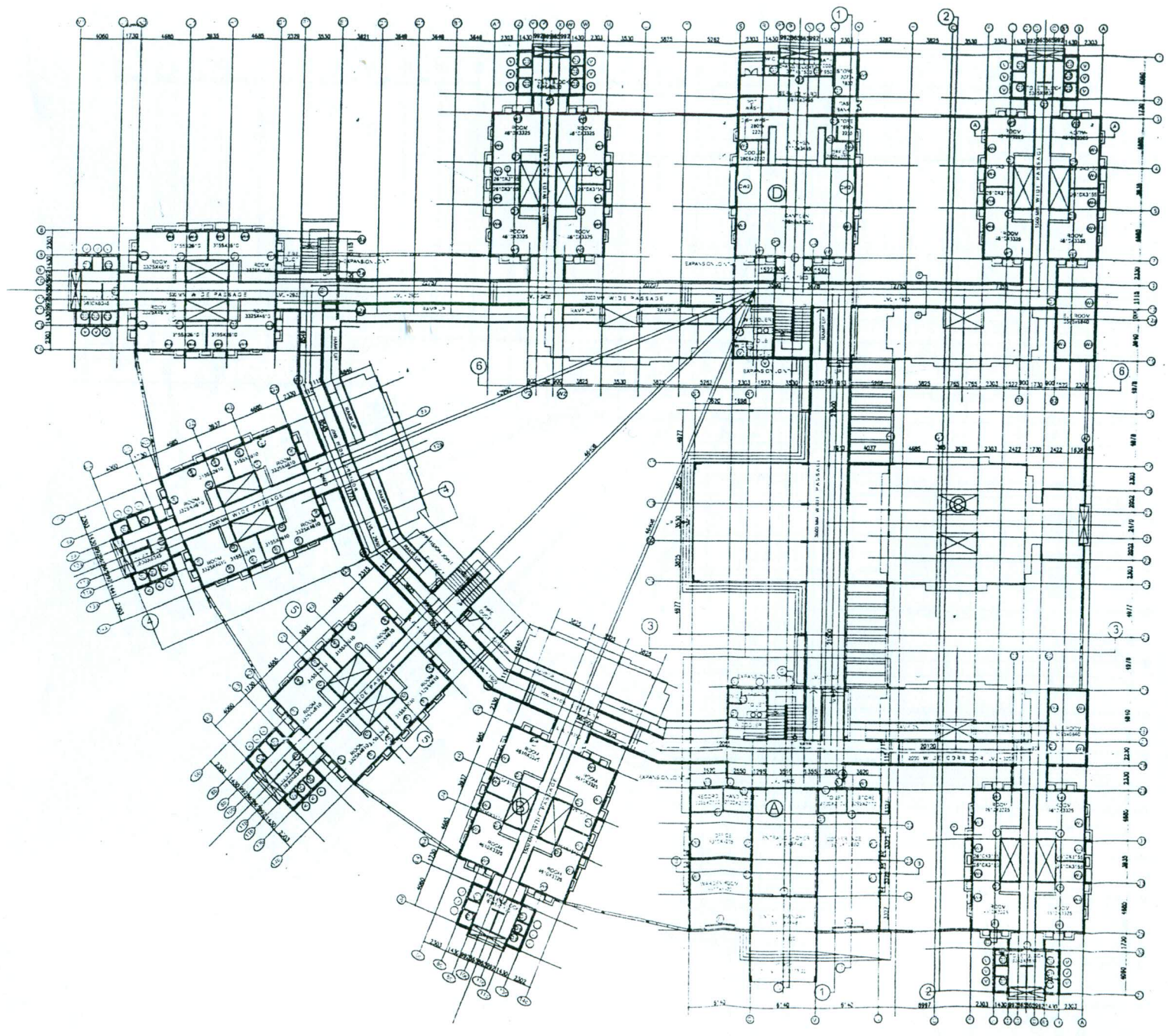


SR.	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Total (B)				32480666.40
5.0	WATER TANK (RCC ONLY)				
5.1	R.C.C. Over head water tank without independent staging	Lit	18,000.00	9.00	162000.00
5.5	Under ground sump	Lit	18,000.00	9.00	162000.00
	501 students x 135 litre =67635 litre canteen 40 students x 70 litre = 2800 litre kitchen for 40 students x 70 litre = 2800 litre				
	Total (C)				324000.00
6.0	DEVELOPMENT OF SITE				
6.1	Levelling (Plot area 10000 Sqmt)	Sqm	10,000.00	55.00	550000.00
	Total (D)				550000.00
7.0	EXTRA RICHER SPECIFICATION				
	Additional for Kota Stone Flooring (DSR ITEM CODE 11.26.1(694.40) - DSR ITEM CODE 11.10.1(318.25) = 376.15)	Sqm	11,197.68	376.15	4212007.33
	Additional for Vitrified Flooring (DSR ITEM CODE 11.41.2(1031.85) - DSR ITEM CODE 11.10.1(318.25) = 713.60	Sqm	700.00	713.60	499520.00
	Additional For Alluminium Window (DSR ITEM CODE 21.1.2.2(318.25) - DSR ITEM CODE 10.15(92.25) = 226.00	kg	25,000.00	226.00	5650000.00
	Additional for Solar Water Heater	L.S			2500000.00
	Additional For Energy Saving Fixture & Modular Switching	%	108,268,888.00	1.50	1624033.32
	Total (E)				14485560.65
	TOTAL (A+B+C+D+E)				170271709.45
	Cost Escalation @ 22% (F)	%	170,271,709.45	22.00	37459776.08
	TOTAL (A+B+C+D+E+F)				207731485.53
	Contingencies @ 3% (G)	%	207,731,485.53	3.00	6231944.57
	TOTAL (A+B+C+D+E+F+G)				213963430.10
	Architect Fees @ 2.5 %	%	207,731,485.53	2.7575	5728195.71
	GRAND TOTAL				219691625.81



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DOORS & WINDOWS SCHEDULE				
NO	SIZE	TYPE	QTY	REMARKS
DOORS				
D1	900 X 2000		2500	48
D2	750 X 2100			4
D3	800 X 2000			22
D4	800 X 2000			21
D5	800 X 2000			21
D6	800 X 2000			21
D7	800 X 2000			21
D8	800 X 2000			21
D9	800 X 2000			21
D10	800 X 2000			21
D11	800 X 2000			21
D12	800 X 2000			21
D13	800 X 2000			21
D14	800 X 2000			21
D15	800 X 2000			21
D16	800 X 2000			21
D17	800 X 2000			21
D18	800 X 2000			21
D19	800 X 2000			21
D20	800 X 2000			21
D21	800 X 2000			21
D22	800 X 2000			21
D23	800 X 2000			21
D24	800 X 2000			21
D25	800 X 2000			21
D26	800 X 2000			21
D27	800 X 2000			21
D28	800 X 2000			21
D29	800 X 2000			21
D30	800 X 2000			21
D31	800 X 2000			21
D32	800 X 2000			21
D33	800 X 2000			21
D34	800 X 2000			21
D35	800 X 2000			21
D36	800 X 2000			21
D37	800 X 2000			21
D38	800 X 2000			21
D39	800 X 2000			21
D40	800 X 2000			21
D41	800 X 2000			21
D42	800 X 2000			21
D43	800 X 2000			21
D44	800 X 2000			21
D45	800 X 2000			21
D46	800 X 2000			21
D47	800 X 2000			21
D48	800 X 2000			21
D49	800 X 2000			21
D50	800 X 2000			21
D51	800 X 2000			21
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D56	800 X 2000			21
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D61	800 X 2000			21
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D63	800 X 2000			21
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D90	800 X 2000			21
D91	800 X 2000			21
D92	800 X 2000			21
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D100	800 X 2000			21

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REV NO	DATE	PARTICULAR
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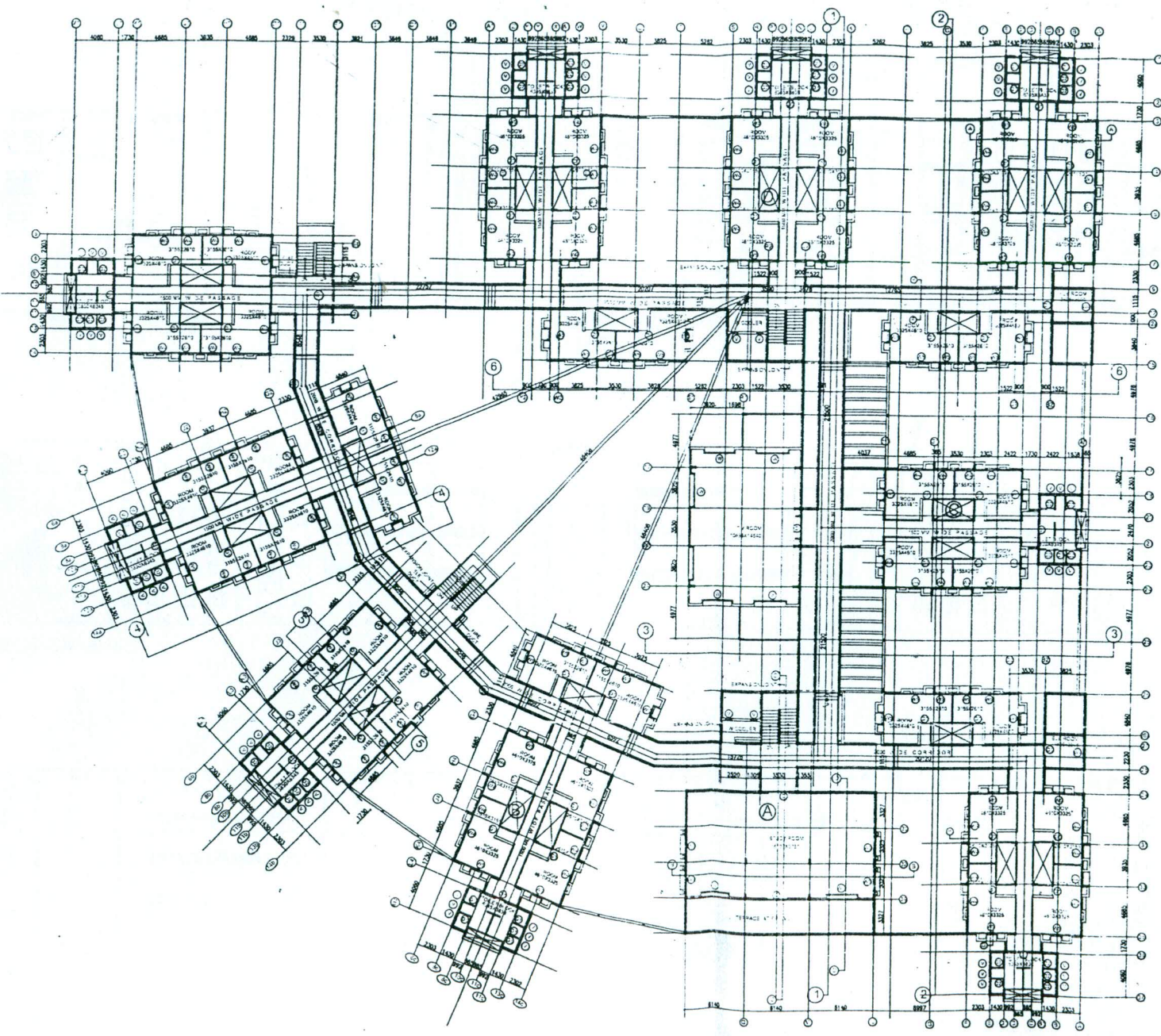
TITLE: GROUND FLOOR PLAN
PRELIMINARY DRAWING

PROJECT: CONSTRUCTION OF TRIPLE SEATED
HALL OF RES DENCE
FOR PDPM IITDM AT JABALPUR

SCALE: 1:250
DATE: 30-11-08
DEALT: MUKESH
CHECK: W-01

DATA AND DATTA ASSOCIATES
ARCHITECTS, ENGINEERS, TOWN PLANNERS & INTERIOR DESIGNERS

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NO.	DATE	BY	CHKD.	REVISION
1	13-05-10	W.K.		ISSUED FOR PERMIT
2	13-05-10	W.K.		ISSUED FOR PERMIT
3	13-05-10	W.K.		ISSUED FOR PERMIT

REV. NO.	DATE	PARTICULAR
R E V I S I O N		
TITLE: TYPICAL FLOOR PLAN (1st 2nd 3rd) PRELIMINARY DRAWING		
PROJECT: CONSTRUCTION OF TRIPLE SEATED HALL OF RESIDENCE FOR PDPM IIITDM AT JABALPUR		
SCALE: 1:250	DWG. NO.	W-02
DATE: 13-05-10		
DRAWN BY: W.K.		
CHECKED BY:		

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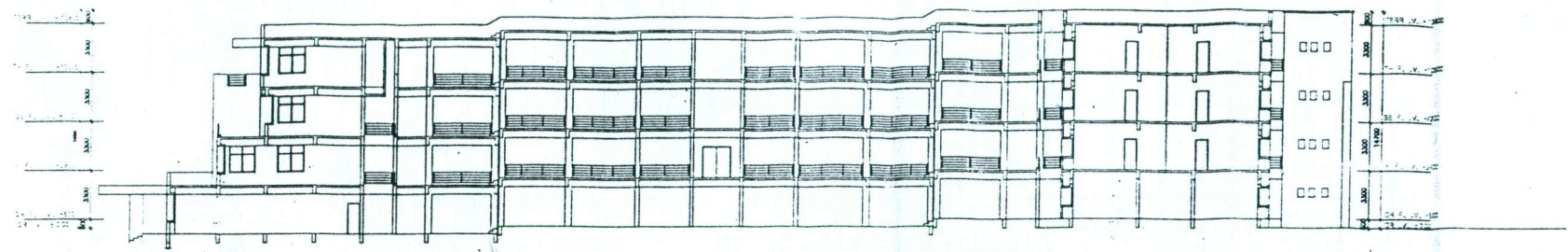
File:
DATTA AND DATTA ASSOCIATES
ARCHITECTS, ENGINEERS, TOWN PLANNERS & INTERIOR DESIGNERS

101 SHYAMLI IN BANGA SOCIETY, BHIMNAGAR, BHOPAL - 462009
PHONE - (0781) - 28407248, TELE FAX (0781) - 28407242
E-MAIL - dattaanddatta@gmail.com, datta_datta@yahoo.co.in

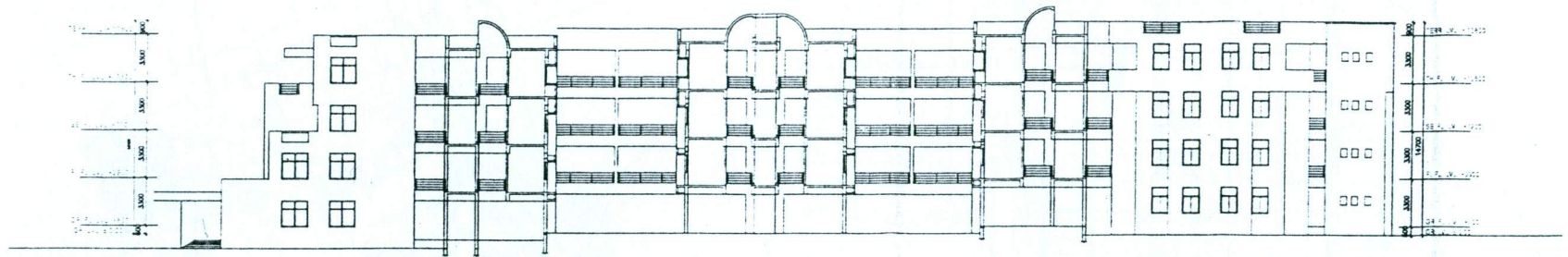
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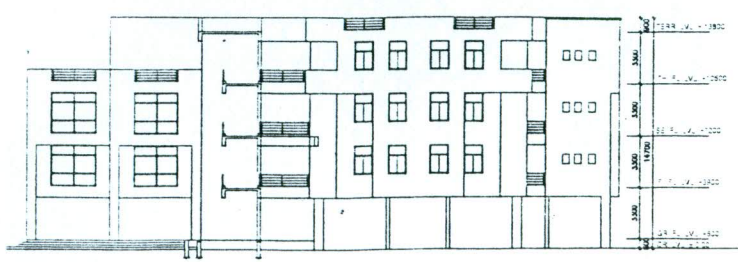
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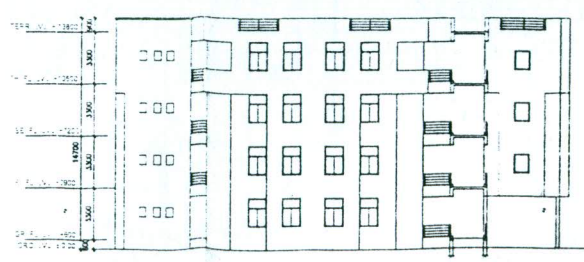
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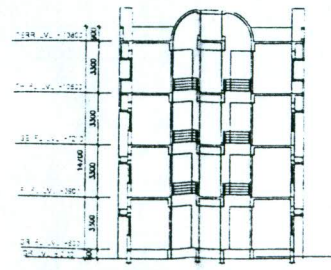
SECTION - 2-2



SECTION - 3-3



SECTION - 4-4



SECTION - 5-5

000044

REVNO	DATE	PARTICULAR
R E V I S I O N		
TITLE:		
SECTIONS PRELIMINARY DRAWING		
PROJECT:		
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY AT JABALPUR		
SCALE-	1:200	ORNO NORTH
DATE-	19-05-10	
DEALT-	MUKESH	W-04
CHECK-		
FIR:		
DATTA AND DATTA ASSOCIATES		
ARCHITECTS, ENGINEERS, TOPI PLANNERS & INTERIOR DESIGNERS		
121 SHYAMLAJI, 14, DANCEY SOCIETY, VARANASI, U.P. INDIA - 221002		
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E-MAIL - dattaanddatta@gmail.com, datta_datta@hotmail.com		

A

ANNEXURE
B&WC/2010/21A-3

**Preliminary Estimate for the work of
Construction of Visitors Hostel**

(Page P-19 to P-37)

Sub: PE for Construction of Visitor Hostel, IIIT DM at Jabalpur

Major Head: Minor

Head: Detailed Head:

The Visitor Hostel is designed for a capacity of 30 Rooms & 6 Suites, supported by a Facilities Block comprising Lounge, Dining, Kitchen and Meeting/ Conference rooms. The building is sited on relatively higher ground in order to maximize on view. Provision is kept for future expansion.

This P E amounting to Rs.10,78,36,789/- (Rs. Ten crores, seventy eight lacs, thirty six thousand seven hundred and eighty nine only) including 22% cost index, 3% contingency and 5% Architect's fees, has been framed by M/s Kanvinde Rai & Chowdhury. This estimate has been framed as per demand raised by PDPM-IIITDM Jabalpur.

History: This preliminary Estimate amounting to 10,78,36,789/- (Rs. Ten crores, seventy eight lacs, thirty six thousand seven hundred and eighty nine only)) including 3% contingencies, 22% Cost Index & 5.515% Architect Fees has been framed to meet the probable cost of above work and to obtain the Administrative Approval and Expenditure Sanction of the competent authority.

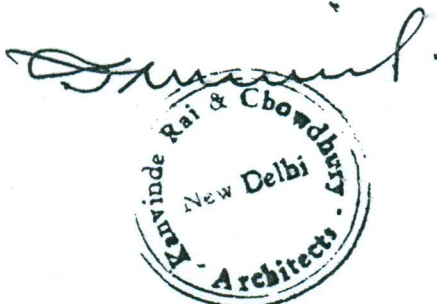
Design & Scope: - The estimate has been framed based on the following architectural drawings:

- 1 Site Plan/ Location Plan - VH-01
- 2 Ground Floor Plan - VH-02
- 3 First Floor Plan - VH-03
- 4 Second Floor Plan - VH-04
- 5 Third Floor Plan - VH-05
- 6 Sections & Elevations - VH-06
- 7 Area Statement - VH-07

The estimate includes construction of Visitor Hostel with following specifications:

- 1 Four and two storied RCC framed structure.
- 2 Brick infill walls.
- 3 Provision of earth quake resistant design.
- 4 Internal water supply and sanitary installation.
- 5 External service connection.
- 6 Internal electrification.
- 7 Telephone and computer conduiting.
- 8 Aluminium windows with provision of fly mesh.
- 9 Kota stone for circulation, Vitrified tiles for Guest Rooms, toilets, public areas, Granite for lobby areas.
- 10 Air-conditioning using VRV system.
- 11 Automatic Fire alarm system & wet riser system.
12. Energy Efficient features:
 - a. Cavity walls with insulation.
 - b. Insulated glass.
 - c. Roof insulation with false ceiling.
 - d. Solar water heating.

Specifications: The work shall be carried out as per CPWD specification 1996 Vol I to VI and revised specifications 2007 with upto date correction slips.



000046

Rate : Plinth area rates 2007 duly enhanced by Cost Index of 122 as approved.
Cost 10,78,36,789/- (Rs. Ten crores, seventy eight lacs, thirty six thousand seven hundred and eighty nine only)
Land : available with client
W.C.
Estt :
T&P :
Method : Through CPWD
Time : 15 months

Sumit



000047

Name of work :- Visitor Hostel, IIT DM, Jabalpur

Brief Specifications

SI No.	Description	Specification
1.	Foundation	Isolated/combined footings for RCC columns at 1.50 meter depth from general ground level and load bearing capacity of soil 10 T/Sqm.
2.	Super Structure	
2.1	Structure	RCC frame (G+3) structure with brick masonry cavity filler walls of ghole modular bricks of class designation 50 with insulation
2.2	Internal partitions	Half brick masonry walls with ghole modular bricks of class designation 50.
3	Door & Windows	
3.1	Frames	Anodised aluminium double rebated frames for doors,windows/ventilators,
3.2	Door shutters.	Rooms - 35 mm thick flush door shutters with veneer ply on both faces and stainless steel fittings. 25 mm thick flush door shutters one side decorative other side balancing lamination for cupboards 35 mm thick flush shutter with laminate for toilets.
3.3	Window / Ventilator shutters.	Anodised aluminium box sections windows with insulated glass & aluminium fittings & friction hinges.
3.4	Cupboard shelves & drawers.	18 mm commercial board painted
4	Flooring & Dado	
4.2	Corridors	25 mm thick Kota stone in pattern with marble bands, with 100 mm high skirting.
4.3	Rooms and Dining hall	Vitrified tiles of 600 x 600 mm in floor and 100 mm high vitrified tile skirting
4.4	Platforms	18 mm thick Granite stone on pantry and wash basin counter. Kitchen to be provided with S.S. kitchen equipment; not in this scope
4.5	Toilets	Non- skid vitrified tile flooring and ceramic tiles dado on walls of toilets.
4.6	Kitchen/Wash/Stores	Polished flooring and ceramic tile dado in kitchen

Samir



000048

SI No.	Description	Specification
4.7	Stair Case	Single piece 18 mm thick granite in treads & risers with anti skid grooves in treads.
4.8	Open Court yard	Paver blocks & natural stone as per architectural drawings.
5.	Railing.	Modular Stainless steel railing in stair case.
6.	Roofing	
6.1	Roof treatment	Roof insulation with Cement based integral water proofing treatment & China mosaic finish
7.	Finishing.	
7.1	External	Exposed aggregate plaster/Sand face Plaster with Premier acrylic exterior paint.
7.2	Internal	Plastic emulsion finish over 2 mm thick plaster of paris punning.
7.3	Painting.	Spirit polish/Synthetic enamel paint on all wood work
8.	Sanitary Fittings.	White vitreous china oval shaped wash basin with granite platform in guest rooms. WC pan with low level PVC flushing cistern and CP brass toilet fixtures.
9.	Water supply.	Concealed GI pipes for internal water supply as per the requirement. Provision of separate insulated hot water supply line to rooms from terrace so that in future it can be connected to solar water heater.

AE(P)I
Central Zone,
CPWD, Bhopal

EE(P)I
Central Zone,
CPWD, Bhopal

SE(P)
Central Zone,
CPWD, Bhopal

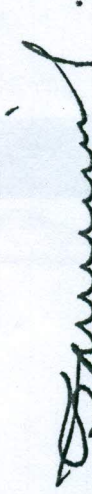


000049

PRELIMINARY ESTIMATE FOR VISITOR HOSTEL, PDPM IIIT DM, JABALPUR

GRAND SUMMARY

S.No.	Description	Amount in Rs.
1	GUEST ROOM BLOCK (1)	59741128
2	FACILITIES BLOCK (2)	39482595
	Sub Total	99223723
3	Contingencies 3%	2976712
	Total	102200435
4	Architect fees 5%+10.3% Service Tax	5636354
	GRAND TOTAL	107836789



Kanvinder Rai & Chowdhury
New Delhi



NAME OF WORK : VISITOR HOSTEL, PDPM IIIT DM, JABALPUR
Preliminary Estimate based on CPWD Plinth Area Rates 2007 & MR.

(1) GUEST ROOM BLOCK

I : Civil Work (Based on CPWD Plinth Area Rates 2007 with C.I. = 122 & MR

SL. NO.	Code	Description	Unit	Qty.	Rate	Amount	Remark
1	1	RCC Framed Structure :					
	1.1	RCC framed structure up to six storey's					
1	1.1.2	Floor height 2.9 m	Sqm	2355	9100	21430500	
	1.2	Extra for :					
2	1.2.3	For 0.70 m additional height of floor above 2.9 m	Sqm	1830	350	640500	
		For 1.10 m additional height of floor above 2.9 m	Sqm	625	550	343750	
3	1.2.5	For 1.30 m additional height of floor above 2.9 m	Sqm	50	650	32500	
		Extra .30 mt. deeper foundation over normal depth of 1.20 metre. (on G.F. area only)	Sqm	695	150	104250	
4	1.2.8	Resisting Earthquake forces	Sqm	2355	630	1483650	
5	1.2.12	Larger modules over 35 sqm.	Sqm	1130	990	1118700	
6	5.1	Overhead tank without independent staging	Ltr	7500	9	67500	
7	1.4.1	Fire fighting With wet riser system	Sqm	2355	300.00	706500	
		Total A					
		Building Cost (sl. No.1)				25927850	Rs.
		Services :				21430500	
8	3.1	Internal water supply and sanitary installation					
9	3.2	External service connections		21430500	15%	3214575	
10	3.3	Internal electric installations		21430500	5%	1071525	
	3.6	Extra for :		21430500	12.5%	2678813	
11	3.6.1	Power wiring & plugs.		21430500	4.00%	857220	
12	3.6.2	central call bell system		21430500	1.00%	214305	
13	3.6.3.1	Lightning conductor (upto 4 storeys)		21430500	0.5%	107153	
14	3.6.4	Telephone conduits		21430500	0.5%	107153	
15	3.6.6	Computer conduiting		21430500	0.5%	107153	
16	3.6.7	Quality assurance		21430500	1.0%	214305	
17	1.5.2	Automatic Fire Alarm System		2355	300.00	706500	
18	MR	Extra for modular switches & Energy savings fixture		21430500	1.5%	321458	
		Total B				9600158	Rs.



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36	DSR 12.45.1	12.5mm Gypsum board false ceiling	Sqm.	1000	612.56	612562.00	DSR Rate (502.10)+22% enhancement
37	Analysis based on DSR & 10.15	Extra for Aluminium Door frames	Sqm.	240	969.00	232560.00	Analysis enclosed
38	DSR 21.1.2.1	Extra for using aluminium windows	Kg	4710	266.20	1253820.84	DSR Rate (310.45 -92.25) +22% enhancement
39	MR	Extra for stainless steel railing	Metre	340	9633.00	3275220.00	Analysis enclosed
40	MR	Extra for Anti termite treatment	Sqm.	695	114.00	79230.00	Analysis enclosed
41	MR	Extra for mortice lock	Each	52	3468.00	180336.00	Analysis enclosed
42	DSR 9.84	Extra for hydraulic door closer	Each	44	1111.54	48907.85	DSR Rate (911.10) +22% enhancement
43	DSR 8.6	Mirror polish on stane work.	Sqm.	810	114.92	93088.44	DSR Rate (94.2) +22% enhancement
		Total E				Rs. 7720982.19	
44	MR	Air Conditioning work Air Conditioning works (VRV system)	Tonne	65	43000.00	2795000	
		Total F				Rs. 2795000	
45	MR	Solar Water heating Solar Water heating (1800 Ltr.)	LS			650000	
		Total G				Rs. 650000	
46	4 4.1.1.9	Passenger Lift Passenger Lift (G+4) for 8 persons		1	1350000.00	1350000	
		Total H				Rs. 1350000	
		Total A+B+C+D+E+F+G+H				51378487	



000053

(1) PRELIMINARY ESTIMATE FOR GUEST ROOM BLOCK

SUMMARY OF COST

S.No.	Description	Amount in Rs.
1	Framed Structure including services (A+B+C+H)	38012008
2	Enhancement over DPAR 22%	8362642
3	Energy Efficient Features (D)	2200497
4	Extra for additional specifications & Architectural features (E)	7720982
5	Air Conditioning work (F)	2795000
6	Solar Water heating (G)	650000
	Total	59741128

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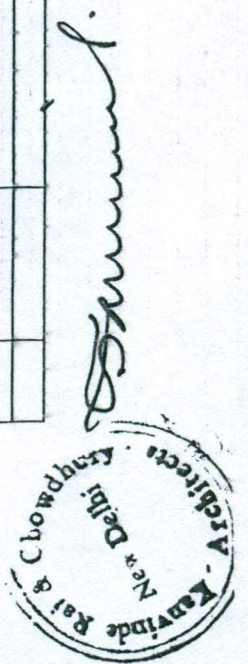
NAME OF WORK : VISITOR HOSTEL, PDPM IIIT DM, JABALPUR
 Preliminary Estimate based on CPWD Plinth Area Rates 2007 & MR.

(2) FACILITIES BLOCK

I : Civil Work (Based on CPWD Plinth Area Rates 2007 with C.I. = 122 & MR

SL. NO.	Code	Description.	Unit	Qty.	Rate	Amount	Remark
1	1.1.1	RCC Framed Structure : RCC framed structure up to six storeys Floor height 3.35 m	Sqm	1315	13200	17358000	
2	1.2.3	Extra for : For 1.30 m additional height of floor above 2.9 m	Sqm	975	650	633750	
3	1.2.5	For 1.75 m additional height of floor above 2.9 m Extra .30 mt. deeper foundation over normal depth of 1.20 metre. (on G.F. area only)	Sqm	420	875	367500	
4	1.2.8	Resisting Earthquake forces	Sqm	1315	630	828450	
5	1.2.12	Larger modules over 35 sqm.	Sqm	885	990	876150	
6	1.4.1	Fire fighting With wet riser system	Sqm	1315	300.00	394500	
Total A						Rs. 20604600	
Building Cost (sl. No.1)						17358000	
7	3.1	Services : Internal water supply and sanitary installation		17358000	10%	1735800	
8	3.2	External service connections		17358000	5%	867900	
9	3.3	Internal electric installations		17358000	12.5%	2169750	
10	3.6.1	Extra for : Power wiring & plugs.		17358000	4.00%	694320	
11	3.6.2	central call bell system		17358000	1.00%	173580	
12	3.6.3.1	Lightning conductor (upto 4 storeys)		17358000	0.5%	86790	
13	3.6.4	Telephone conduits		17358000	0.5%	86790	
14	3.6.6	Computer conduiting		17358000	0.5%	86790	
15	3.6.7	Quality assurance		17358000	1.0%	173580	
16	1.5.2	Automatic Fire Alarm System		1315	300.00	394500	
17	MR	Extra for modular switches & Energy savings fixture		17358000	1.5%	260370	
Total B						Rs. 6730170	

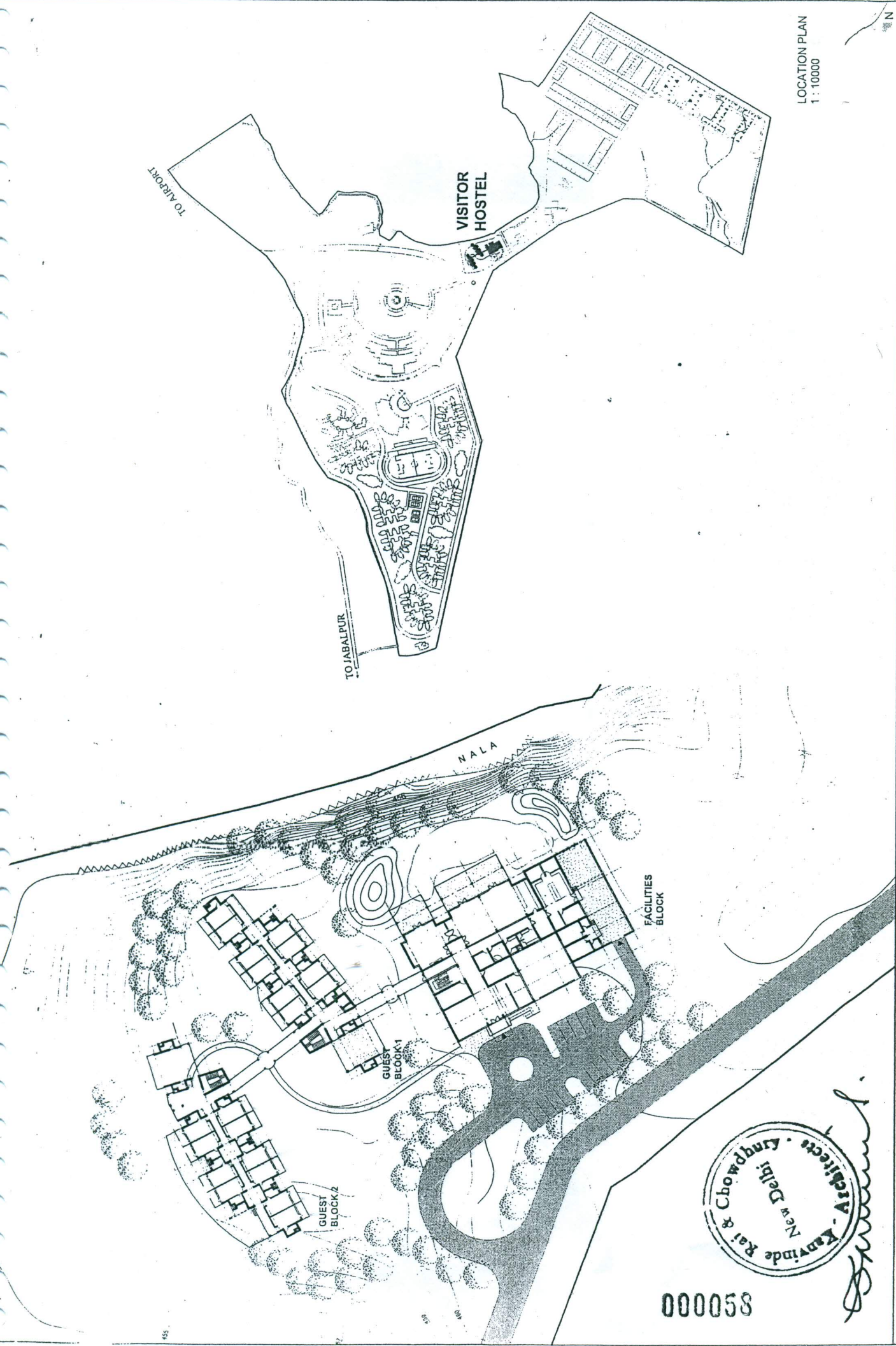
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(2) PRELIMINARY ESTIMATE FOR FACILITIES BLOCK	
SUMMARY OF COST	
S.No.	Amount in Rs.
1	29056770
2	6392489
3	1418654
4	545681
5	1419000
6	650000
Sub Total	39482595

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LOCATION PLAN
1 : 10000

<p>LOCATION/ SITE PLAN</p>	<p>VISITOR HOSTEL, PDPM IIITDM JABALPUR,</p>
<p>VH-01</p>	<p>KANVINDE RAI & CHOWDHURY architects & planners, new delhi</p>
<p>DATE: JUNE 2010</p>	<p>SCALE 1 : 750</p>



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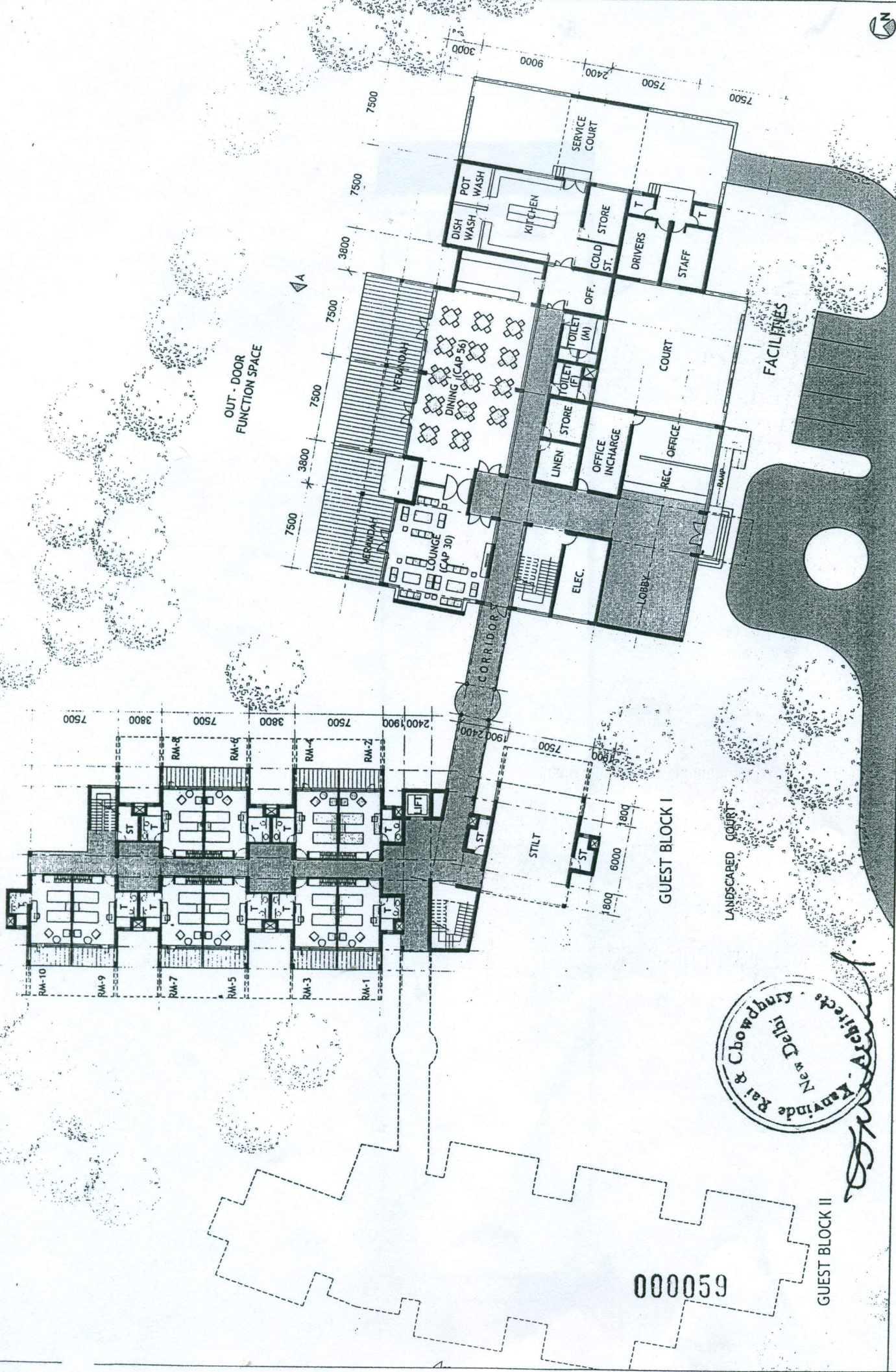


VH-02

DATE: JUNE 2010
SCALE: 1:300
KANVINDE, RAI & CHOWDHURY
architects & planners, new delhi

GROUND FLOOR PLAN

VISITOR HOSTEL, PDPM IIITDM JABALPUR,



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GUEST BLOCK II



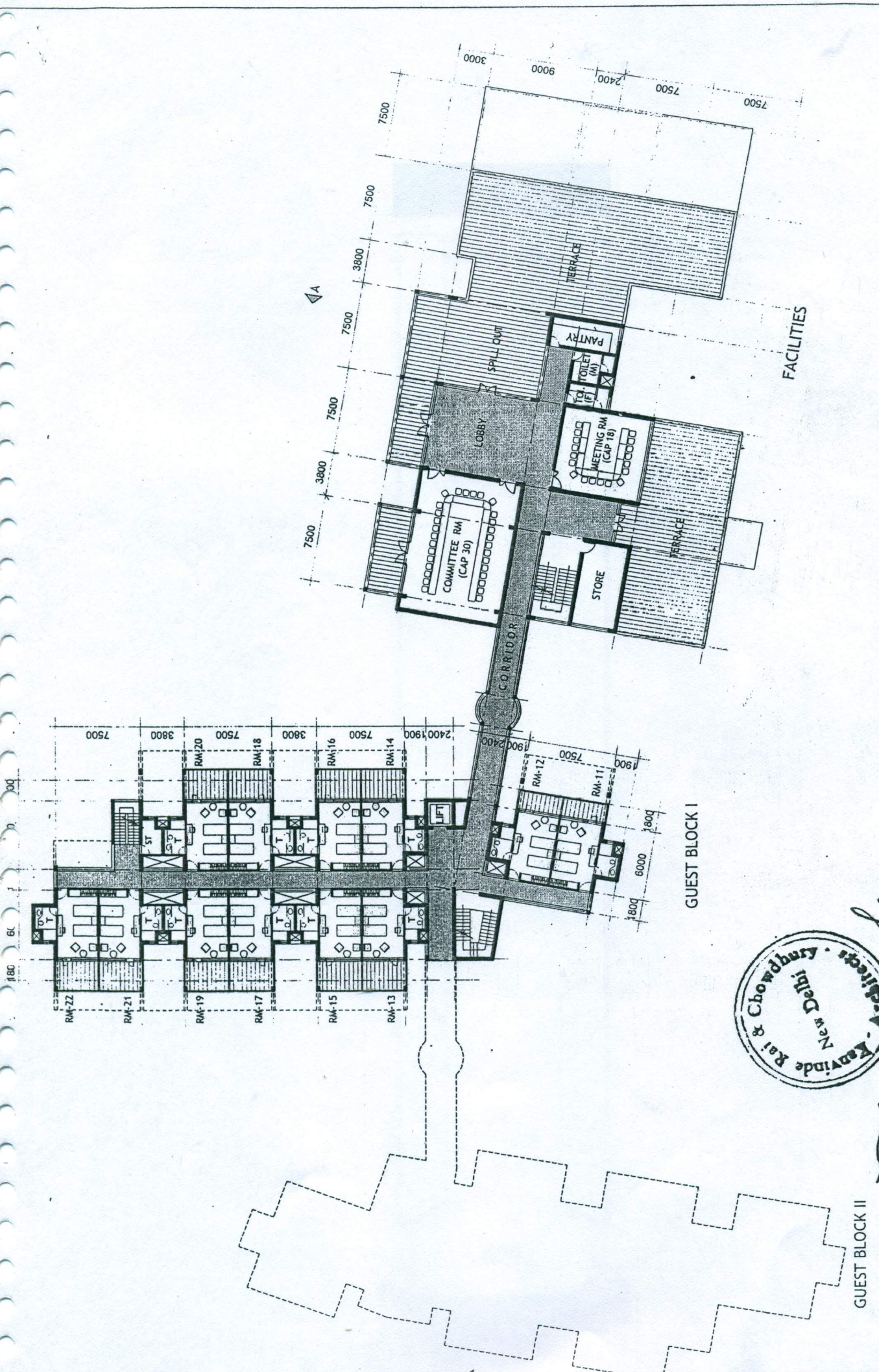
VH-03

KANVINDE RAI & CHOWDHURY
architects & planners, new delhi

SCALE
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DATE:
JUNE 2010

FIRST FLOOR PLAN

VISITOR HOSTEL, PDPM IIITDM JABALPUR,



GUEST BLOCK II

GUEST BLOCK I

FACILITIES

CORRIDOR

LOBBY

COMMITTEE RM
(CAP 30)

MEETING RM
(CAP 18)

STORE

PANTRY

TOILET (M)

TOILET (F)

SPILL OUT

TERRACE

TERRACE

1800 600 1800 3000 7500

7500

3800

7500

3800

7500

3800

7500

1900

2400

1900

7500

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1800

6000

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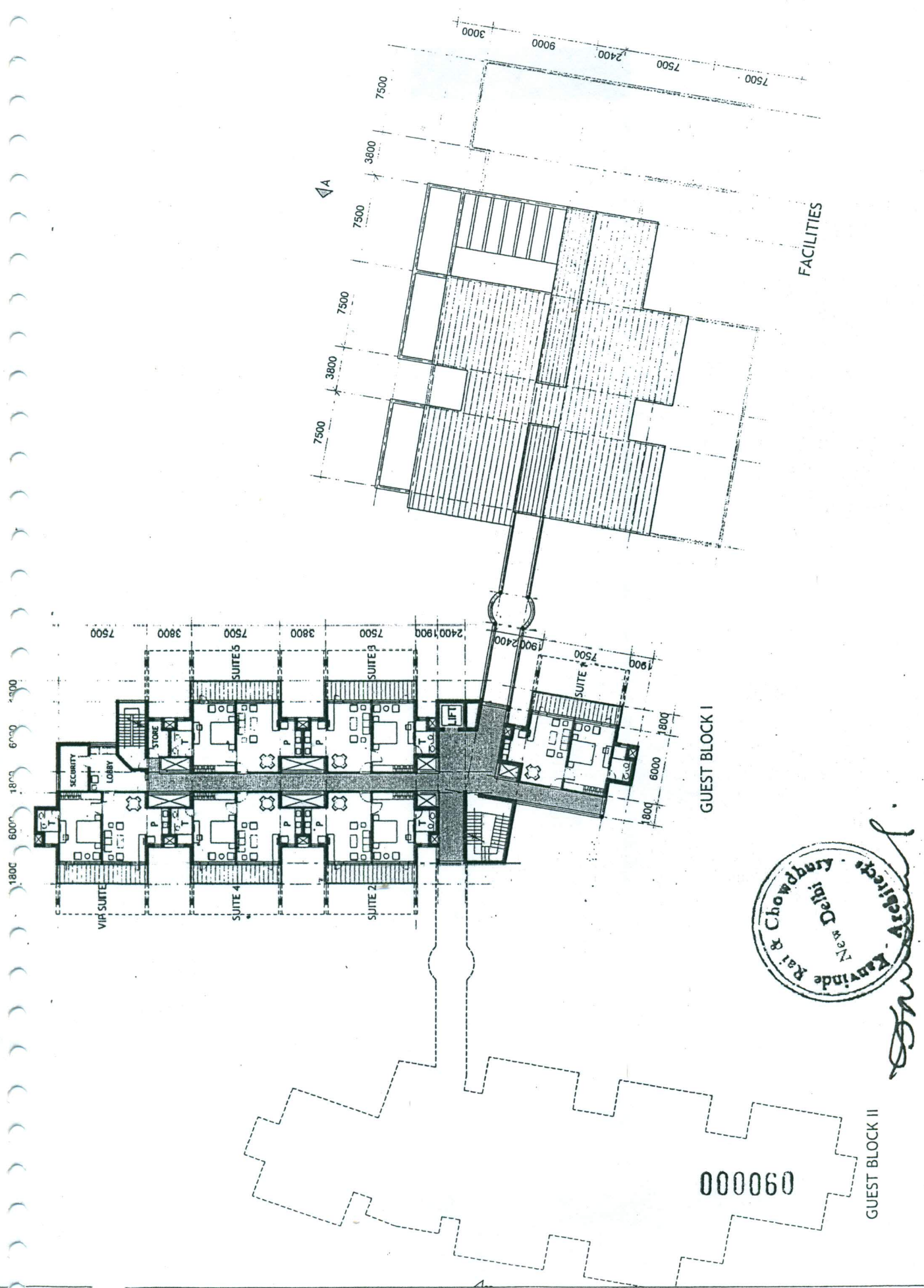
VH-04

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architects & planners, new delhi

DATE:
JUNE 2010
SCALE
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SECOND FLOOR PLAN

VISITOR HOSTEL, PDPM IIITDM JABALPUR,



GUEST BLOCK I

FACILITIES

0900060

GUEST BLOCK II



VH-05

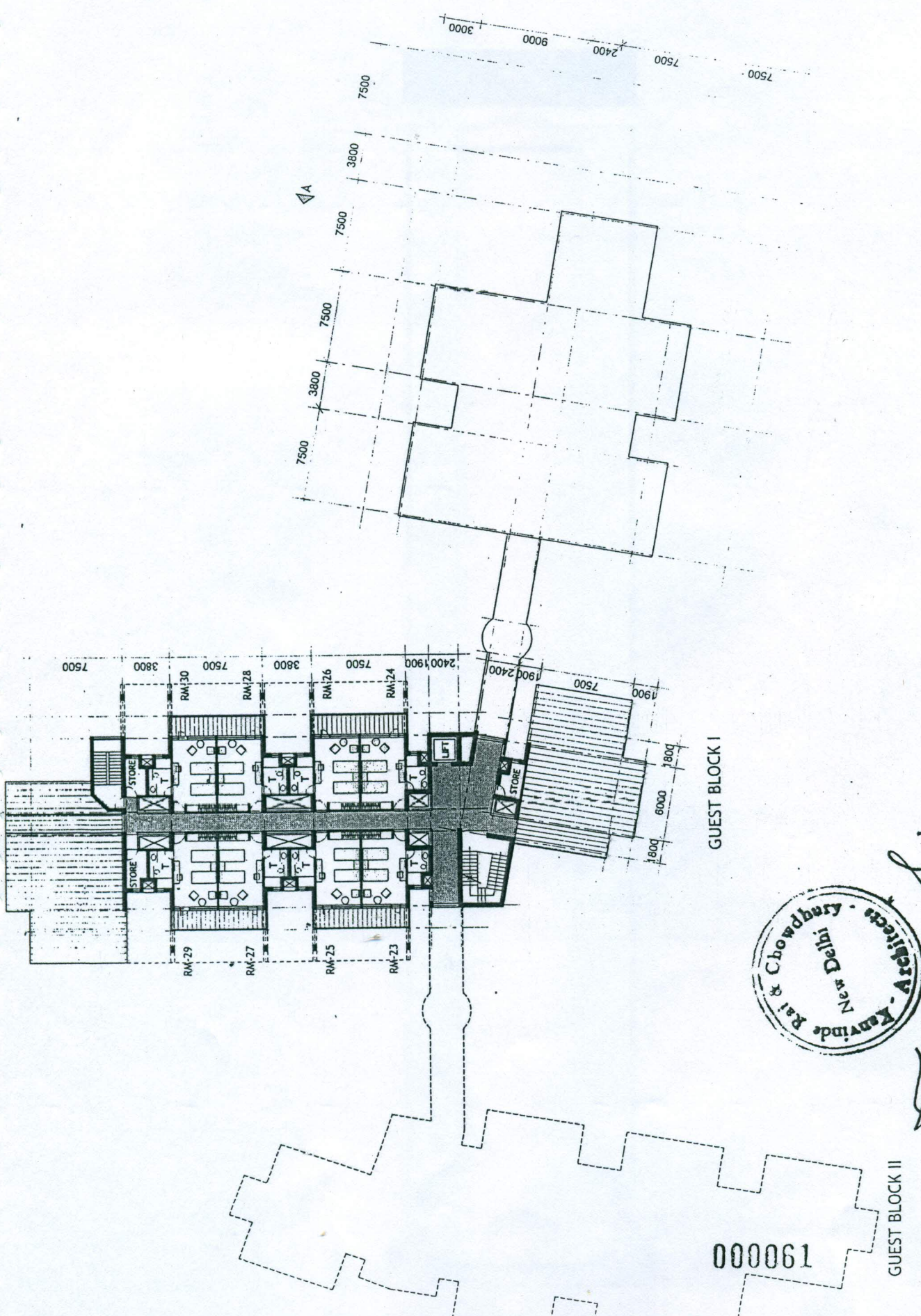
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architects & planners, new delhi

SCALE
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DATE:
JUNE 2010

THIRD FLOOR PLAN

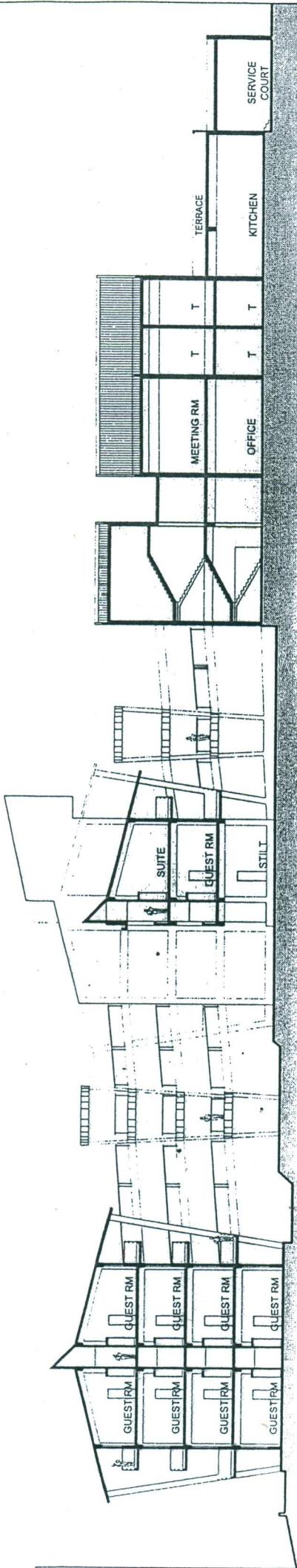
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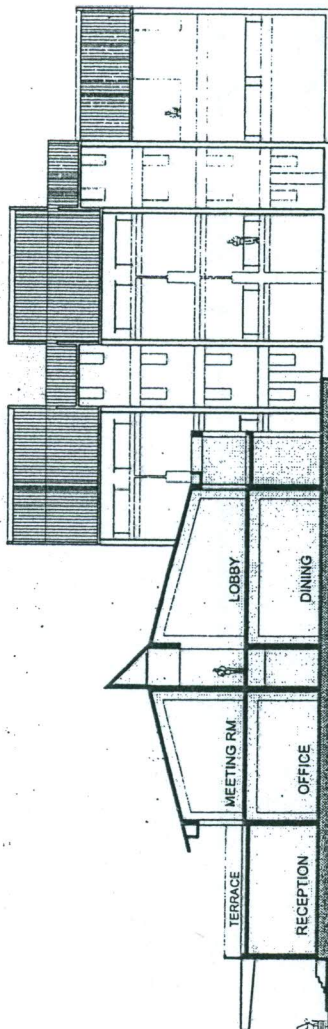
GUEST BLOCK I

GUEST BLOCK II

190000



SECTION BB



SECTION AA



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VISITOR HOSTEL, PDPM IIITDM JABALPUR,	SECTIONS & ELEVATIONS	DATE: JUNE 2010	SCALE: 1 : 300	KANVINDE, RAI & CHOWDHURY architects & planners, new delhi	VH-06
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VIP SUITE - 01 no.
 SUITES - 05 nos.
 GUEST ROOMS (Twin-bed) - 30 nos.
 Lounge - Cap. 30 per.
 Dining Hall - Cap. 56 per.
 Committee Room - Cap. 30 per.
 Meeting Room - Cap. 18 per.
 Kitchen/ Pantry
 Kitchen Store/ Linen Store
 Staff/ Driver's Restrooms

	GROUND	FIRST	SECOND	THIRD	TOTAL
FACILITIES	895	420			1315
GUEST BLOCK - I	648	628	609	470	2355
TOTAL (PHASE-1)	1543	1048	609	470	3670
GUEST BLOCK - II	648	628	609	470	2355
TOTAL (PHASE-2)	2191	1676	1218	940	6025

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ANNEXURE

B&WC/2010/21A-4

Revised Preliminary Estimate for
the work of Construction of
Lecture Hall & Tutorial Complex

(Page P-38 to P-48)

GENERAL ABSTRACT OF COST

Name of Work : - C/o Lecture Hall and Tutorial complex (LHTC)at PDPM IIIT, D&M Campus, Jabalpur (MP)

S.No.	DETAILS OF SUB HEAD	As per Original PE			AS per Revised PE		
		CIVIL	ELECT.	TOTAL	CIVIL	ELECT.	TOTAL
1	SH-I : MAIN BUILDING	191,579,942	30,181,788	221,761,730	242,227,432	70,446,971	312,674,403
2	SH-III : BULK SERVICES	180,000	-	180,000	4,117,500	480,000	4,597,500
	TOTAL	191,759,942	30,181,788	221,941,730	246,344,932	70,926,971	317,271,903
	Add for Quality assurance @ 1%			-			3,172,719
	Add for labour cess @ 1%			2,219,417			3,172,719
	Architects fee @5.618%			12,468,686			17,824,336
	Project management @1.69%			3,750,815			-
							341,441,677
	Add for contingencies @ 3%			500,000			9,518,157
			TOTAL	240,880,648		TOTAL	350,959,834
			Say	240,880,600		Say	350,960,000

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D&M/2017/1111

58

ABSTRACT OF COST

Name of Work : - C/o Lecture Hall and Tutorial complex (LHTC)at PDPM IIIT, D&M Campus, Jabalpur (MP)

Sl. No.	Sub Head and Item of work	As per Original P.E.				As per Revised PE				
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount	
SH-III : BULK SERVICES										
1) Civil										
1.1	Over Head Tank without independent staging	10000		9 Litre	90000	75000		9.00 Litre	675000	PAR,2007
1.2	Under ground sump including for fire fighting	10000		9 Litre	90000	300000		9.00 Litre	2700000	PAR,2007
				TOTAL	180000			TOTAL	3375000	
	Enhancement over PAR,2007 rate as per approved cost index						Enhancement over PAR 2007 rate as per approved cost index of 122 i.e.add @ 22% on PAR 2007 items			
				TOTAL	180000			TOTAL	742500	
				TOTAL	180000			TOTAL	4117500	

2) Electrical										
2.1	Booster pumps for underground sump including a	-	-	-	-	3	160,000.00	Each	480,000	MR
				TOTAL	-			TOTAL	480000	
	Enhancement over PAR,2007 rate as per approved cost index						Enhancement over PAR 2007 rate as per approved cost index of 122 i.e.add @ 22% on PAR 2007 items			
				TOTAL	-			TOTAL	480000	

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990000

Name of Work : - C/o Lecture Hall and Tutorial complex (LHTC)at PDPM IIIT, D&M Campus, Jabalpur (MP)

Sl. No.	Sub Head and Item of work	As per Original P.E.				As per Revised PE				Difference	
		Qty	Rate	Unit	Amount	Qty	Rate	Unit	Amount		
SH-I : MAIN BUILDING											
	Plinth Area										
	Ground Floor	6501.46	sqm			6239.00	sqm		(262)	sqm	
	First Floor	3209.54	sqm			4317.00	sqm		1,107	sqm	
		9711.00	sqm			10556.00	sqm		845	sqm	
	Say	9711	sqm			10556	sqm		845	sqm	
1	CIVIL										
1.1	RCC Framed Structure of normal floor height of 3.35m.	9,711	13,200	Sqm	128,185,200	10,555	13,200	sqm	139,326,000	PAR' 07	11,140,800
1.2	Every 0.30 m deeper foundation over normal depth of 1.2 (on GF only)	2,603	150	Sqm	390,450	6,239	150	Sqm	935,850	PAR' 07	545,400
1.3	Extra for additional floor height (15.35 - 3.35=12.0m)	5,435	150	Sqm	815,184	843	6,000	sqm	5,058,000	PAR' 07	4,242,816
	Extra for additional floor height (15.65 - 3.35=12.3.15m)	21,758	150	Sqm	3,264,114	822	6,150	sqm	5,052,225	PAR' 07	1,788,111
	Extra for additional floor height (6.50 - 3.35=3.15m)	43,082	150	Sqm	6,463,158	1,202	1,575	sqm	1,893,150	PAR' 07	(4,570,008)
	Extra for additional floor height (6.13 - 3.35=2.78m)	7,110	150	Sqm	1,066,122	765	1,388	sqm	1,061,438	PAR' 07	(4,684)
	Extra for additional floor height (3.50 - 3.35=0.15m)	762	151	Sqm	114,150	6,924	75	sqm	519,263	PAR' 07	405,113
1.4	Extra for 0.30 metre higher plinth over normal 0.6 m(0.9m)	2,558	150	Sqm	383,700	6,239	150	Sqm	935,850	PAR' 07	552,150
					140,682,078				154,781,776		14,099,698
1.5	Extra for resisting earthquake forces	9,711	630	Sqm	6,117,930	10,555	630	sqm	6,649,650	PAR' 07	531,720
1.6	Extra for larger modules over 35 sqm	7,745	990	Sqm	7,667,372	3,632	990	Sqm	3,595,185	PAR' 07	(4,072,187)
1.7.1	Extra for high performance glass instead of reflective or double float glass	5,700	1,000	Sqm	5,700,000	-	-	-	-	MR	(5,700,000)
1.7.2	Extra for pre-construction antitermite treatment	-	-	-	-	6,239	427	sqm	2,664,053	MR	2,664,053
1.7.3	Extra for Kalzip sheet roofing instead of RCC roof	-	-	-	-	3,632	1,201	sqm	4,361,432	MR	4,361,432
1.7.4	Extra for Insulation on walls/Accoustic treatment on walls	5,289	4,000	Sqm	21,157,746	7,804	2,652	sqm	20,696,208	MR	(461,538)

000067

				181,325,126		192,748,304	'A'	11,423,178
Services								
1.8	Internal water supply and sanitary installation on 'A'	128,185,200	4 %	5,127,408	139,326,000	5,573,040	PAR' 07	445,632
1.9	External service connection on 'A'	128,185,200	5 %	6,409,260	139,326,000	5,224,725	PAR' 07	(1,184,535)
	Enhancement over PAR,2007 rate as per approved cost index			Total 191,579,942		Total 203,546,069		11,966,127
					Enhancement over PAR 2007 rate as per approved cost index of 122 i.e. add @ 22%	38,681,363		38,681,363
				Total 191,579,942	'X'	Total 242,227,432	'X'	50,647,490
			TOTAL X + Y =	191,579,942		242,227,432		50,647,490
2 ELECTRICAL								
2.1	Internal electric installation on A	128,185,200	12.5 %	16,023,150	139,326,000	17,415,750	PAR'07	1,392,600
2.2	External service connection on A	128,185,200	-	-	139,326,000	1,741,575	PAR'07	1,741,575
2.3	Telephone conduits and wiring on A	128,185,200	0.5 %	640,926	139,326,000	696,630	PAR'07	55,704
2.4	Power wiring & plugs on A	128,185,200	4.0 %	5,127,408	139,326,000	5,573,040	PAR'07	445,632
2.5	Computer conduiting on A	128,185,200	0.5 %	640,926	139,326,000	696,630	PAR'07	55,704
2.6	Lightning conductors upto 4 storeyed building	128,185,200	0.5 %	640,926	139,326,000	696,630	PAR'07	55,704
2.7	Extra for airconditioning				600	30,000,000	MR	30,000,000
2.8	Fire fighting - automatic alarm system	9,711	300 Sqm	2,913,300	10,555	3,166,500	PAR' 07	253,200
2.9	Fire fighting - wet riser system	9,711	300 Sqm	2,913,300	10,555	3,166,500	PAR' 07	253,200
2.10	Quality assurance							
				Total 1,281,852				(1,281,852)
	Enhancement over PAR,2007 rate as per approved cost index			Total 30,181,788		Total 63,153,255		32,971,467
					Enhancement over PAR 2007 rate as per approved cost index of 122 i.e. add @ 22%	7,293,716		7,293,716
			Total	30,181,788		Total 70,446,971		40,265,183

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Nos Area

Ground floor area as calculated earlier manually with CPWD 8105
 First floor area as calculated earlier manually with CPWD 5027
 Areas as calculated earlier manually with CPWD 13132

Reduction in areas

Ground floor

300 seater halls	821.5	2	410.75	25.2	16.5
Rooms & corridor below 300 seater hall	334.08	2	167.04	17.4	9.6
Tutorial classes	181.7	2	90.85	11.5	7.9
Back corridor connecting both tutorial classes	453.99	1	453.99	81.8	5.55
corridor connecting both longer corridor in centre	74.8	1	74.8	4	18.7
Subtotal in reduction on Ground floor	1866.07				

First floor

Tutorial classes	181.7	2	90.85	11.5	7.9
Back corridor connecting both tutorial classes	453.99	1	453.99	81.8	5.55
corridor connecting both longer corridor in centre	74.8	1	74.8	4	18.7

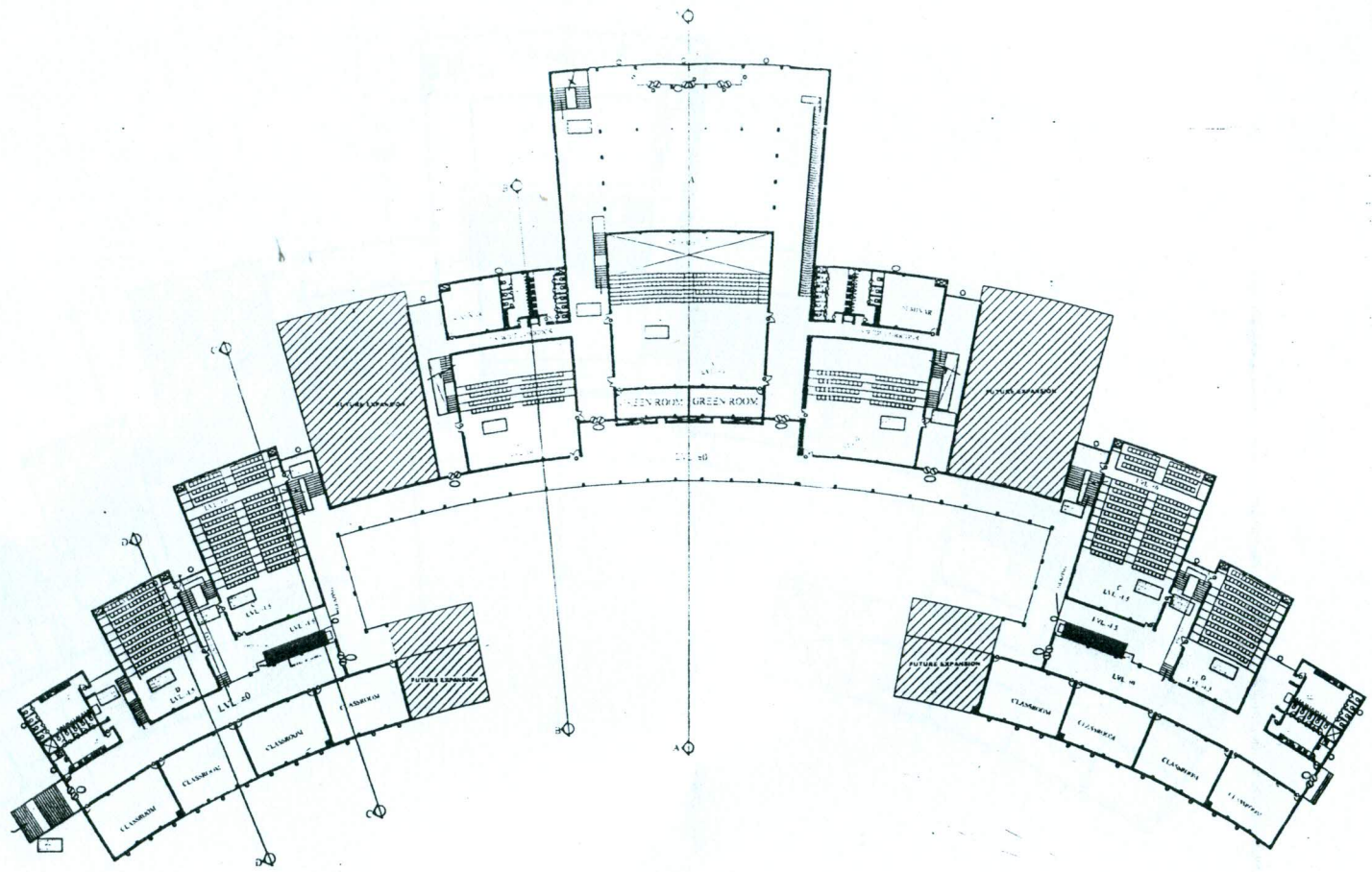
Subtotal in reduction on First floor 710.49

Total reduction in covered area

2576.56

New reduced areas

Ground floor	6238.93	6239
First floor area	4316.51	4317
New revised plinth areas	10555.44 SAY	10556



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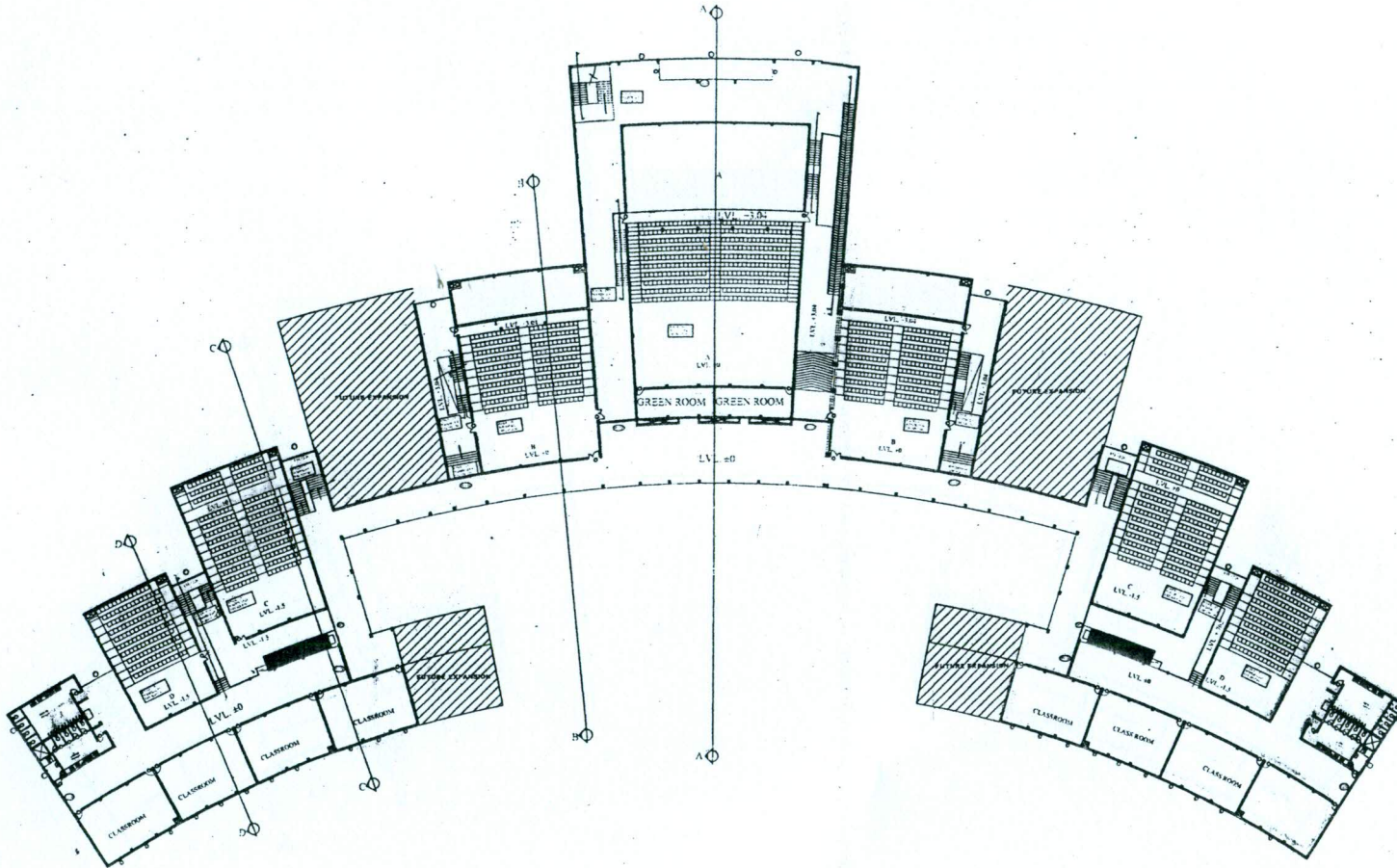
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Drg No 03		

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Drawn	Date
CHKD	SEP 2008

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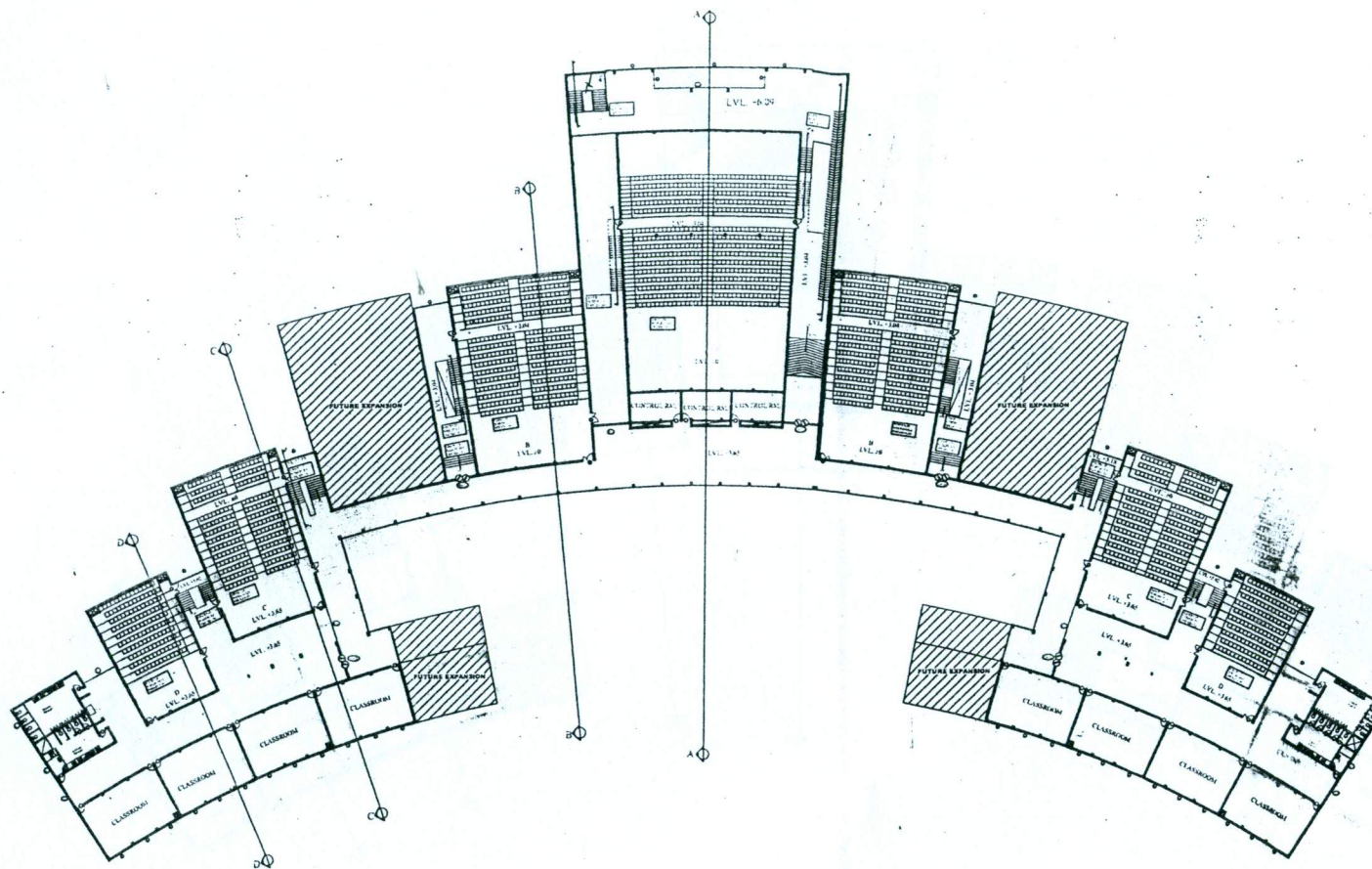
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OPTION-6

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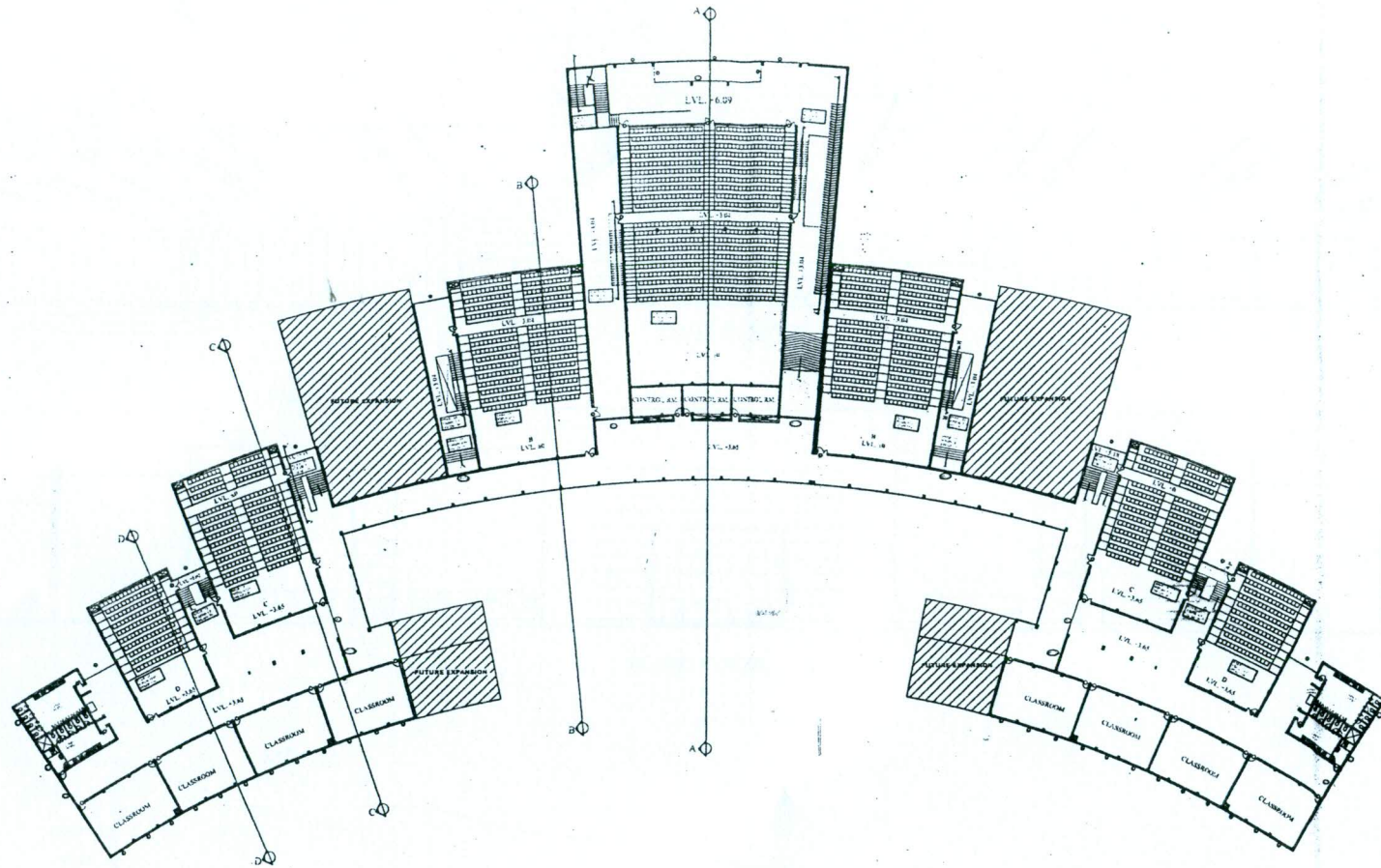
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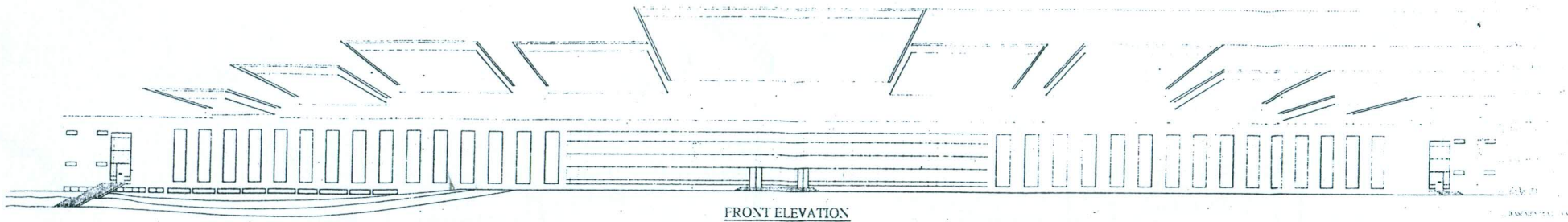


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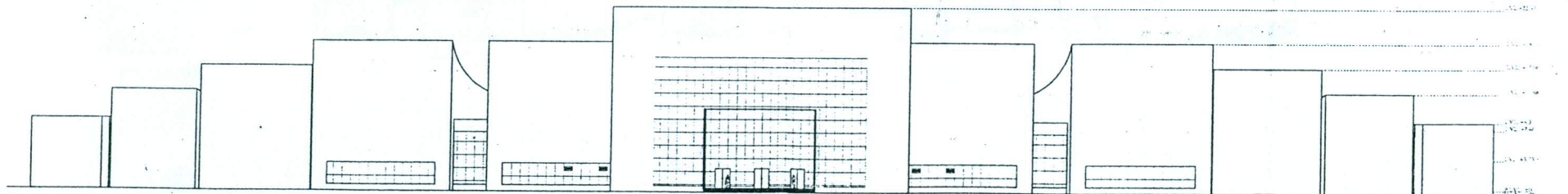
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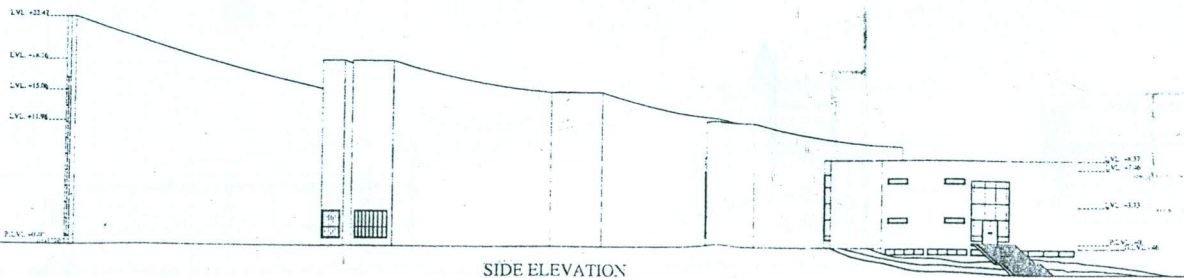
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FRONT ELEVATION



REAR ELEVATION



SIDE ELEVATION

NOTE

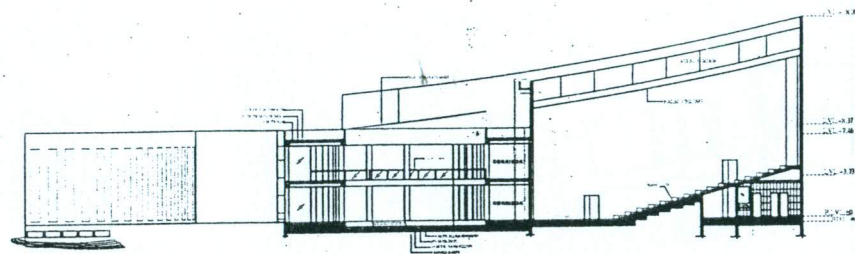
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Title ELEVATIONS		

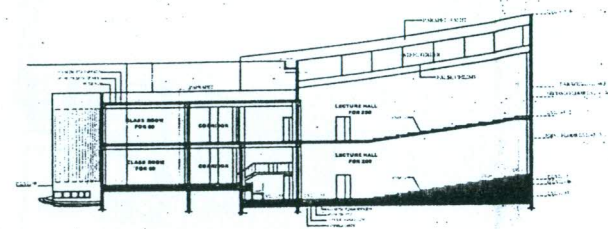
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Date	SEP 2018	

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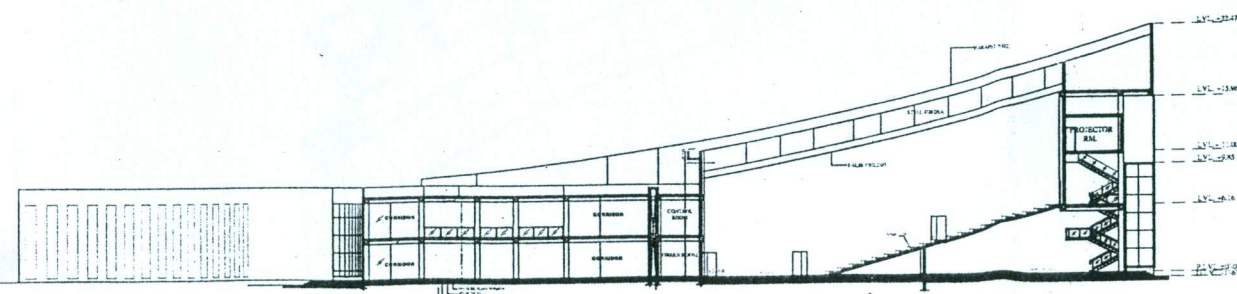
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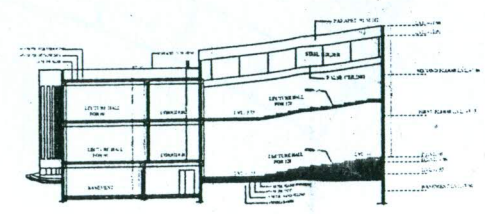
SECTION B-B



SECTION C-C



SECTION A-A



SECTION D-D

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Title SECTIONS		

amit saini krotma saini s.k.saini
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Checked	
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3

B

ANNEXURE

B&WC/2010/21A-5

Revised Estimate (RE) of the work of
Shifting of 33 KV Dumna feeder away
from the PDPM-IIITDM premises

(Page P-49 to P-51)

OFFICE OF THE EXECUTIVE ENGINEER (O & M)
M.P.P.K.V.V.CO.LTD.; JABALPUR DIVISION; JABALPUR.

// FOR HT CONNECTION //

EEJ/O&M/WS/WO/ 463 WORK - ORDER

Dated 29/4/2010

Shri M. N. Singh, A.E. (O&M) Sub. Dn. Adhart 1 (R) is
hereby authorised for execution of the following sanctioned work
under his supervision after completion of required formalities,
necessary completion report should be submitted within one month
from the date of completion of work.

ONLY SUPERVISION CHARGE
MATERIALS NOT TO BE ISSUED

NAME OF ESTIMATE :- Revised estimate for 33 KV Ganna Feeder from
the premises of M/s PDP Indian Institute of Tech. Design &
Manufacturing Jabalpur at village Mehawa beside Ganna
Airport Road Jabalpur under (O&M) Dn. Jabalpur.

AMOUNT OF ESTIMATE :- Rs. 18000/- only. (5% Supervision Charges
paid by the applicants Rs. 85300/- & S.T. Rs. 9811/-

M.R. No 15703/P.19 Dated 17/3/2010 only.)

ESTIMATE SANCTION No:- 78-000-4452-09-0015 JOP. Dtd 23/01/2010

WORK ORDER NO & DATE :- 0006 Dated 26/4/2010.

NAME OF SCHEME :- DEPOSITE WORK / 2009-10

// FORMALITIES TO BE COMPLETED THE APPLICANTS //

- (1) The Work will be carried out through the 'A' Class Registered Electrical Contractor and registered in the office of CE(JR) Jabalpur under Supervision of concerning AE of MPPKVCo.Ltd.JOP.
- (2) The applicant should submit the copy of purchase order mentioning various purchaser terms & condition.
- (3) Applicant should produce all purchase vouchers of materials required for completion of proposed work.
- (4) The materials required for completion of proposed work should possess standard specification as per requirement of MPPKVCo.Ltd. which should be approved by our officer not below the rank of Executive Engineer.
- (5) Purchased materials should be guaranteed for the period as per purchase order of M.P.P.K.V.V.Co.Ltd.
- (6) Applicant should obtain NOC from Divisional/Assistant Electrical Inspector for charging electrical appliances/Equipment before handing over proposed work.
- (7) Pole schedule shall be prepared at the time of taking over the xx asset.

YOU ARE THEREFORE REQUESTED TO PLEASE INTIMATE THE FOLLOWING :-

- (1) Name of 'A' Class Registered Electrical Contractor alongwith valid copy of license through whom the work is being executed.
- (2) The details of order placed for various materials and there specification alongwith copy of purchase order contracts.
- (3) Details of labour contractor award if any issued.

Encl:- Estimate & Map.

Copy forwarded to:- The SE(O&M), Jabalpur.

Executive Engineer (O&M)
MPPKV Co. Ltd., JOP

(1) The J.E., M.P.P.K.V.V.Co.Ltd. Pipariya.....

M/s PDP Indian Institute of Information & Tech.
Ganna Airport Road, Jabalpur.

(3) Gen. Section, Dn. Office, Jabalpur.

000077

ESTIMATE REPORT

- 1 NAME OF ESTIMATE
- 2 AMOUNT OF ESTIMATE
- HISTORY AND SCOPE

Revised Estimate for 33 KV Dumna feeder from premises of M/s PDPM Indian Institute Technology Design & Manufacturin Jabalpur at village Mehgawa beside Dumna Airport Road Jabalpur under (O&M) Dn. Jabalpur.

Rs. ~~10993.00~~ G.T. of the Estimate P. ~~17834501~~ - 1800104.00
 Rs. 161473.00 Supervision charges @ 5% R. ~~70209~~ 285300/-
 Rs. 140411.00 Server Tax @ 12.36% S.T. @ 10.33% B. ~~72528~~ 82431/-

The Estimate for The Director Prof. S. Bhargava of PDPM Indian Institute of Information Technology Design & Manufacturing, Jabalpur at village Mehgawa beside Dumna Airport Road Jabalpur has applied for a new H.T. connection for 1500 KVA contact demand on 33 Kv with connected load 1350 K.W. on dated 04.02.2008 for educational purpose has been sanctioned vide Estimate no. 76-000-4452-08-0019 dated 06/09/08 for amount of Rs. 9,61,751/- The revision of estimate is required due to less provision of 33 KV line. in the above estimate and also rate of the 33 KV line has been change due to Military area.

4452-08-0019 dt. 23/01/2010
 Initially sanctioned for Rs. 1800104/-
 amounting Rupees Eighteen lacs -
 hundred and four only

S. E. (O&M) Circle
 MPPKVCL JBP

Accordingly this estimate is framed

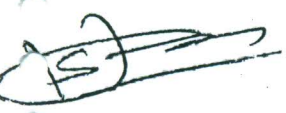
- 4. TECHNICAL ASPECTS
- BUDGET PROVISION
- ALLOCATION

- 1) Shifting of 33 KV line 1.0 KM
- 2) Shifting of 33 KV D.P. Structure 02 Nos.
- 4) New 33 KV Line 1.2 Km.
- 5) New 33KV D.P. 3 Nos


Deposite year 2009-10


REMARKS

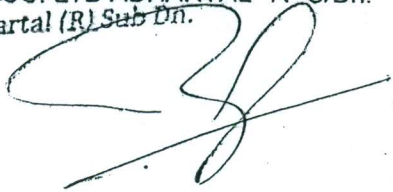
The applicants has given written consent for execution of the above work by them-selevs as per MPPKV Co. Ltd rules and regulation and I.E. rule by depositing 5% supervision charges for the same



JUNIOR ENGINEER
 MPPKVCO. LTD PIPARIYA D/C.


 ASSISTANT ENGINEER
 MPPKVCO. LTD ADHARTAL "R" S/Dn.
 Adhartal (R) Sub Dn.


 A. E (Works)
 (O & M) Dn.
 M.P.P.K.V V. Co. Ltd. JBP.


 Executive Engineer (O&M)
 MPPKV Co. Ltd., JBP

Revised Estimate for 33 KV Dumna feeder from premises of M/s PDPM Indian Institute Technology Design & Manufacturin Jabalpur at village Mehqawa beside Dumna Airport Road Jabalpur under (O&M) Dn. Jabalpur.

Sl No	Particulars	52 Kg./Mtr., 13.0 Mtrs. long rail supports			
		Unit	Qty.	Rate (Rs.)	Amt (Rs.)
1	2	3	4	5	6
1	52 Kg./Mtr. 13Mtr. Long rail pole	Nos.	23	37,726	867,698
2	33 KV 'V' cross-arms with back clamps 75x75x6 mm angle	Nos.	6	1,273	7,638
3	33 KV Top clamps 75x75x6 mm Angle	Nos.	53	185	9,805
4	Earthing Set (Coil earth as per Drg.No.G/007)	Nos.	23	151	3,473
5	33 KV Pin Insulator with G.I.Pins	Nos.	67	314	21,038
6	DOG Eq. AAAC Conductor (100Sq.mm. Al. Eq.) with 3 % Sag	Kms.	4.41	40,277	177,622
7	Jointing Sleeves suitable for 80Sq.mm. Al. Eq. AAAC conductor	Nos.	15	20	300
8	Stay set 20 mm. complete with back clamps, stay wire 7/4.0 mm. (8.5 kg. stay wire per stay set) and turn buckles	Sets	34	1,168	39,712
9	Concreting of rail supports @ 0.65 Cmt. per pole including muffing of pole and @ 0.3 cmt. per stay and @ 0.05 cmt. per PCC pole for base padding.	Cmt.	25.25	2,200	55,550
10	Red oxide paint	Ltrs.	15	113	1,695
11	Aluminium paint	Ltrs.	15	242	3,630
12	Anti climbing devices	Nos.	20	186	3,720
13	Danger Boards	Nos.	20	72	1,440
14	Binding wire and tape	Kgs.	15	105	1,575
15	M.S. Nuts and Bolts	Kgs.	75	72	5,400
16	D.C. cross- arm of 100 X 50 X 6 mm. channel 5' centre)	Set	10	3,368	33,680
17	33 KV Strain set with hard ware	Set	18	712	12,816
18	Horizontal and cross bracing 5' centre with set of four back clamps	Set	4	2,673	10,692
19	Single Pole Cute Point fitting 100x50x6 mm	Set	10	1,458	14,580
20	Side cross arm	Set	0	2,161	0
21	Stay clamp A-type and B-type for rails	Pair	100	155	15,500
22	I Bolt 16mm		15	37	555
23	33 KV Garding channel	Set	6	2,341	14,046
24	G.I. Wire 8 SWG	Kg.	60	52	3,120
25	M.S. Angle	Kg.	50	38.76	1,913
26	Dismantling (labour & Transporting charges) of existing feeder of 33 KV line over hade line 33 KV	LS	LS	40,000	40,000
27	33 KV A.B. Switch	Nos.	2	10,956	21,912
28	Sundries	LS	LS	LS	35,000
	Total				1,404,109
29	Contingencies charges			11.5 %	161,473
30	Labour & Transportation charges @ 10% of material cost				140,411
	Grand Total				1,705,993

JUNIOR ENGINEER
MPPKVCO. LTD PIPARIYA D/C.

ASSISTANT ENGINEER S.T. @ 10.33/1
MPPKV CO. LTD ADHARTAL "R" S/Dn. 1802104
Adhartal (R) Sub Dn. 1802104

Total cost of set. Sag Rs. 1802104
CS. Sup. G. R. 70205/- or R. S.T. @ 10.33/ R. 925/- or

A. E (Works)
(O & M) Dn.

M.P.P.K.V.V. Co. Ltd. JBP.

Executive Engineer (O&M)
MPPKV Co. Ltd., JBP

ANNEXURE

B&WC/2010/21A-6

Revised Estimate for the work power
supply to 1500 KVA new HT connection
on 33 KV to PDPM-IIITDM,Jabalpur

(Page P-52 to P-60)

Office of S.E. (C&M) Circle
M.P. KVVCL Jabalpur

No. SE-CH/50/MS/EST/12) Jabalpur dt. 12/11/10

TO,

The E.E. (C&M) Dn
M.P. KVVCL
Jabalpur.

Subj - Sanction of estimate.

Ref: - CE (TR) JCR's letter no. CE/TR/WS/223
dt. 8/11/10

With reference to above, an estimate for sanction of revised estimate for power supply to 33 KV new HT. connection of 1500 KVA control & board to M/S PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur at village Mehgawan beside Dumra Airport Road under (C&M) Dn. Jabalpur is sanctioned by CE (TR) with sanction no. US-000-WS2-10-0002 dt. 7/11/10 amounting to Rs. 1,23,28,340/-. A copy of the same is enclosed herewith for further necessary action at your end.

End: - As above

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Sd/-
Superintending Engineer
(C&M) Circle
M.P. KVVCL, Jabalpur

Copy to: - M/S PDPM Indian Institute of Information Technology, Design & Manufacturing, Jabalpur at village Mehgawan, beside Dumra Airport Road
For information & necessary action.

OFFICE OF THE CHIEF ENGINEER (JR)
MPPKVV Co. Ltd. JABALPUR

No./CE/JR/WS/ 223

Dated.

08/11/10

To,
✓ THE SUPRINTENDING ENGINNER (O&M)
MPPKVV Co. Ltd
JABALPUR.

Sub:- Sanction of revised estimate for Power Supply to 33 KV new HT connection of 1500 KVA contract demand to M/s PDPM Indian Institute of Information Technology Design & Manufacturing Jabalpur at Village Mehgawa beside Dumna Airport Road Jabalpur under (O&M) Dn. Jabalpur.

Ref:- Administrative Approval conveyed by Addl. SE (W&P) EZ Jabalpur vide letter No.-EZWS/2219 dated 06.04.10

In accordance to Administrative Approval conveyed by Addl. SE (W&P) EZ Jabalpur vide letter No. 2219 dated 06.04.10, The technical sanction 45-000-4452-10-0002 dated 07.04.10 is here by accorded for revised estimate for Power Supply to 33 KV new HT connection of 1500 KVA contract demand to M/s PDPM Indian Institute of Information Technology Design & Manufacturing Jabalpur at Village Mehgawa beside Dumna Airport Road Jabalpur under (O&M) Dn. Jabalpur, amounting to Rs. 1,33,28,340=00

As per Administrative approval accorded by the CMD – EZ. The estimate envisages the following revised major technical aspects:-

i)	33 KV line conversion single to Double Circuit	10 KM
ii)	33 KV Bay extension with VCB at Sitapahad & Gora Bazar S/s for LILO arrangement	2 Nos
iii)	33 KV line extension of 52 Kg/Mtr. Rail pole, 13 Mtr. Long with Dog Conductor (DCSS)	3.2 KM.
iv)	33 KV DP structure with 52 Kg/Mtr. Rail pole, 13 Mtr. long	10 Nos
v)	33 KV line with A.B. Cable	70 Mtr

The estimate is revised for DCSS (Double Circuit Single String) 33 KV lines extension from 33/11 KV S/s Sitapahad to PDPM. Accordingly amount of the estimate is worked out to Rs. 1,33,28,340/- supervision charges @ 5% is Rs. 6,31,585/- and service tax on supervision charge @ 10.3% is Rs. 65,052/-. The applicant has to deposit supervision charge, service tax and supply affording charge i.e. Rs. 18,21,637/- to Discom-EZ. In respect of revision of SOR of FY 2010-11, cost of balance work only and compute the estimate and supervision charges accordingly.

The work shall be executed by the applicant through 'A' class contractor and supervision charge along with service tax and supply affording charges @ Rs. 750/- KVA on 1500 KVA CD, as per Regulation Dated 07.09.09, shall be deposited in account of Discom – EZ.

The applicant shall obtain ROW clearance from Private land holders/MILITARY & Forest Department etc. from competent authorities with deposition of charges.

Technical specification of line materials is available at our Web site. The applicant shall procure line materials conforming to our technical specifications with latest type test certificate of NABL accredited lab only. If supervision authority finds any of such items to be inferior in quality, random sample test of that items shall be done through NABL accredited lab. The testing and transportation charges shall be borne by the applicant. As such guaranteed technical specification of line materials and list of approved venders of EZ shall be circulated shortly.

Encl: As above

CHIEF ENGINEER (JR)

000082

Copy to:-

1. THE CHIEF ENGINEER (JR) JABALPUR