



Name of Project

**PROPOSED 50 SEATED HOSTEL AT KALIDAS
GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN**

Project Cost:

296.48 LACS

Year : 2020-21



Name of Project		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
PROJECT ABSTRACT							
All AMount in Rs.							
S. No.	Name of Project Sub-Head	Builtup Area	Amount (SOR)	Amount (NON SOR)	Total Amount	Unit Area Rate (Rs. / sqm.)	Reference Format
1	BUILDING WORK		17,972,773.00	0	17,972,773.00		
2	RENOVATION WORK		776,057.00	0	776,057.00		
3	BARRIER FREE		1,741,903.20	0	1,741,903.20		
SUB TOTAL ALL BUILDING WORK			20490733.20	0.00	20490733.20		
4	DEVELOPMENT WORK		4,530,985.00	0	4,530,985.00		
TOTAL			4,530,985.00	0.00	4,530,985.00		
Project Total					25,021,718.20		
Add for GST charge @ 12% on project cost					3,002,606.18		
TOTAL PROJECT					28,024,324.38		
Add for Supervision Charge @ 5.5% on TOTAL project cost					1,376,194.50		
Add for GST @ 18 % on supervision					2,47,715.01		
Grand Total of Project Cost					29,648,233.90		
							EE

GOVERNMENT OF MADHYA PRADESH



मध्य प्रदेश गृह निर्माण
एवं
अधोसंरचना विकास मण्डल

M.P. HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD ,
UJJAIN

PROPOSED ESTIMATE FOR RENOVATION WORK AND NEW
CONSTRUCTION IN KALIDAS GIRLS GOVT AT UJJAIN (M.P)
UNDER WORLD BANK SCHEME

PROJECT COST :- 296.48 LACS

PREPARED BY: PIYUSH JOSHI ASSOCIATES, BHOPAL

Name of Project:- PROPOSED ESTIMATE FOR RENOVATION WORK AND NEW CONSTRUCTION IN KALIDAS GIRLS GOVT AT UJJAIN (M.P) UNDER WORLD BANK SCHEME

PROJECT ABSTRACT

					All Amount in Rs.		
Name Of Project Sub Head	Built Up Area in Sq.m.	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.
2	3	4	5	6	7	8	9
HOSTEL BUILDING	1,135.00	2,32,74,729.80	0.00	2,32,74,729.80	20,506.37	Format C - 1	
RAMP	105.28	17,47,192.00	0.00	17,47,192.00	16,595.67		
Sub Total (Building Works)	1,240.28	2,50,21,921.80	0.00	2,50,21,921.80	20,174.41		
TOTAL (All Building Works) & (All Development Works) (C) = (A + B)		2,50,21,921.80	0.00	2,50,21,921.80			
ADD 12 % FOR GST AS PER INSTRUCTION OF GOVT. OF INDIA		30,02,630.62	0.00	30,02,630.62			
TOTAL PROJECT COST (E) = (C) + (D)		2,80,24,552.42	0.00	2,80,24,552.42			
Add for supervision 5.5% charges				13,76,205.70			
Add for GST @ 18 % on supervision				2,47,717.03			
PROJECT TOTAL				2,96,48,475.14			
Say				296.48			
Say				296.48 LACS			

248,43,519.00

Signature	Consultants	
	Department	

M. Chauhan

Office of the Dy. Housing and Infrastructure Development Board
U.P. Housing and Infrastructure Development Board
Circle, UJJAIN

TECHNICAL SANCTION

The Stage IInd Estimate For **New Constⁿ, Renovation, Barrier free Constⁿ in the Premises of Govt. Kalidas Girls College Ujjain.**

Amounting to Rs. **296.48** Lac Rs. **Two crore Ninety six Lakh forty eight thousand.** is Technically

Sanctioned Vide **No 928-29** Dt. **22.02.2020**

By No **19** Dated **22.02.2020**

R. Singh
Asstt. Engineer
U.P. Housing & I.S.D. Board
Circle-Ujjain

S. M.
Dy Housing Commissioner
U.P. Housing & I.S.D. Board
Circle-Ujjain

GOVERNMENT OF MADHYA PRADESH



**मध्य प्रदेश गृह निर्माण
एवं
अधोसंरचना विकास मण्डल**

**M.P. HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD ,
UJJAIN**

**PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG
COLLEGE AT DISTT. - UJJAIN**

PROJECT COST :- 275.78 LACS

TECHNICAL - REPORT

1	NAME OF WORK:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
2	DEPARTMENT:-	
3	LOCATION :- (Place and District)	UJJAIN (M.P)
4	AMOUNT OF ESTIMATE (IN LAKHS):-	275.78
5	AUTHORITY :- (Competent Authority to Sanction Estimates)	0
6	LAND :- (Size/Area)	1135 SQM
1	Plot/Land Area (in hectares) :-	.113 HECTARES
2	Adjoining Land Mark :-	
3	Land use of other adjoining land :-	PSP
7	HISTORY :-	
8	NECESSITY :- (Reason/Justification/Need for proposed construction)	AS PER AUTHORITIES CONSTRUCTION OF EXTENSION OF SAMUDAYIK SWASTHY KENDRA AT GARHAKOTA, DISTT SAGAR (M.P)
9	STANDARDS APPLICABLE :- (e.g. NBC, IPHS, MCI, MP Bhumi Vikas Adhinyam, Kendriya Vidhyalaya certification, AICTE, GAD, AAI, ISHRAE, PCB, NEC, GRIHA, AERB etc.)	MP Bhumi Vikas Adhinyam, National Building Code (N.B.C.)
10	FACILITY PROVIDED IN PROPOSED PROJECT :-	
1	Building Works:- (Classrooms/ Office/ Reception/Waiting/lab/ Computer room/ Library/Dormitory/Kitchen/Store /Pantry/ Laundry/ Wards/ OT/OPD/ Labour room/ICCU / Court rooms/ Malkhana/Bed rooms/ Suites/ Basement use, If any etc.)	Total area :- 1135 SQM
		Ground Floor
		COMMON ROOM
		ROOM
		SPACE FOR DRYING CLOTHES

			PHYSICAL HANDI. TOI
			TOILET
			BATH
			CORRIDOOR
			KITCHEN - I
			PANTRY
			STORE ROOM
			DINNING HALL
			ENTRANCE LOBBY
			OFFICE
			KITCHEN - II
			WASH AREA
			DRAWING / DINNING
			TOILET
			BEDROOM - I
			BEDROOM - II
			VERANDAH
			RAMP
			STAIRS
			Second Floor
			ROOMS
			SPACE FOR DRYING CLOTHES
			TOILET
			CORRIDOOR
	2	Amenities:- (Rain Water Harvesting/ Solar Water heating/HVAC/Lifts/ Escalators/Fire/Building Management System, etc.)	RAIN WATER HARVESTIN 01
	3	Site Development:- (Approach Road/ Internal Road/External electrification/ Streetlight/External water Supply/Hardscape/Landscape / Sports field/Sports Facility/Parking/Boundary Wall/ Surface Drain etc) :-	EXTERNAL ELECTRIFICATION/HARDSCAPE
	4	Built Up Area :- (Sqm.)	Total area :- 1135 SQM
	5	Number of Stories (Floors)	Ground Floor + 1
	6	Drawing Reference :-	
	11 TECHNICAL PROVISIONS FOR :-		
	BUILDING WORKS		
	a) WORK BELOW PLINTH		
	1	Foundation :-	
		i Average Depth of Foundation :- (Mts.)	2.0 meter
		ii Type :- (Open(column footing) / Pile/ Raft etc.)	Open foundation with columns & footings

	iii	Grade of Concrete :- (e.g. M 15 /M 20/ M 25 etc.)	RCC with M 25 and footing & columns with M20 grade of concrete.
2	Basement :-		
	i	Area :- (Sqm.)	N.A
	ii	Ceiling Height :- (mts.)	N.A
	iii	Flooring :- (e.g. CC / Kota/ Tiles etc.)	N.A
	iv	Water proofing, if any :- (e.g. Kota etc.)	N.A
3	Plinth/Under Floor Filling :-		
	i	Plinth Height :- (Mts.)	1M meter above from O.G.L (Original Ground Level)
	ii	Average Bottom Layer thickness of Soil other than BC Soil below top layer of sand and middle layer of copra :-	1. Soil (Other than B.C. Soil having MDD not Less than 1.85 t/m ³ :- 0.30 m thick or as required 2. Hard muram/hard copra having MDD not Less than 2.0 t/m ³ :- 0.30 m thick layer 3. Stone dust :- 0.10 m thick layer
b) WORKS ABOVE PLINTH			
1	Super Structure :-		
	i	Type :- (e.g. Load Bearing ,RCC Frame etc.)	R.C.C. Frame Work
	ii	Grade of Concrete :- (e.g. M 20 , M 25 etc.)	M 20
2	Stilt Parking, if any :-		
	i	Area :- (Sqm.)	N.A.
	ii	Parking Capacity : (No. of car and bike parking)	N.A.
	iii	Ceiling Height :- (Mts.)	N.A.
	iv	Flooring :- (e.g. CC/ CC tiles/ Endura tiles/ Kota/Stone Flooring/ Paver Block etc.)	N.A.
3	Walls :-		
	i	Material :- (e.g. Bricks/Fly Ash Bricks/ AAC Blocks/ ACC panels etc.)	FLY ASH BRICK
	ii	Jointing Mortar :- (e.g. C.M. 1:4/1:6 or Adhesive etc.)	CEMENT MORTAR
4	Roof :- (e.g. Soft roof (AC/ GI/ Acrylic/ PUF/ Galvalumium) Clay tile/ RCC/Prestressed/ Precast panels/AAC panels etc.)		
			RCC

5	Inner Plaster :-		
	i	Type :- (e.g. Cement Mortar/Synthetic/Textured etc.)	Cement Mortar
	ii	Thickness :- (e.g. 12 mm/ 15 mm etc.)	1. Concrete surface :- 6 mm 2. Plaster in internal wall face :- 6/8 mm
	iii	Mix-Ratio :- (e.g. 1:4 /1:6 etc.)	1. 6mm mortar in CM 1:3 2. 6/8mm mortar in CM 1:6
6	Outer Plaster :-		
	i	Type :- (e.g. Cement Mortar/Sand faced/ Washed stone grit/ Synthetic/Textured etc.)	Cement Mortar
	ii	Thickness :- (e.g. 15 mm/ 18 mm/ 20mm/ as per item etc.)	Cement plaster (15 mm)
	iii	Mix-Ratio :- (e.g. 1:4 / 1:6/ as per item etc.)	Plaster cement plaster (6mm mortar in CM 1:6)
7	Finishing (Inner):- (e.g. Putty/Distemper/Paint/Texture etc.)		Walls :- Multi Surface Delux Paint Celings :- Distemper
8	Finishing (Outer):- (e.g. Putty/Distemper/ Paint/ Texture/Stone dry Cladding/ Glazing/ ACP/Cement Board etc.)		Walls :- Multi Surface Delux Paint
9	Window :-		
	i	Frames :- (e.g. (Powder Coated/Anodised) Aluminium / UPVC/ MS - Tubular/ Pressed steel frame/ Wooden/ Angle iron etc.)	ALUMINIUM
	ii	Shutters :- (e.g. Wooden/ (Powder Coated/Anodised) Aluminium/ UPVC/ MS tubular/ Glazed/ Panelled/ steel etc.)	ALUMINIUM
	iii	Shutter Panels :- (e.g. Glass/ MS sheet/ Cement board/APP board/ Wooden Ply/ACP etc.)	Glazed
	iv	Grills :- (e.g. Pipe tubes/ Square Bars/ Flats/ Aluminium etc.)	MS Grill
	v	Flyproof mesh :-	N.A.
10	Doors :-		
	i	Frames :- (e.g. MS Angle iron/Wood/Plastic wood /Granite/Concrete frame /UPVC/ Pressed steel/ Aluminium etc.)	1. Pressed steel door frame .
	ii	Shutters :- (e.g. Flush /PVC/ Aluminium/wooden/ MS sheet/ Grill/ Rolling/ Collapsible/ Rolling Grill etc.)	1. 30mm Flush door thick with both side laminate
	iii	Shutter Thickness :- (mm)	1. 30mm Flush door thick with both side laminate
11	Flooring Types :- (e.g. IT/Kota/Ceramic/Vitrified tiles/Granite/ Marble/Wooden/PVC/ Vinyl/Anti-Static Flooring/Mosiac/ Terrazo/ Sand stone/Cement Tiles etc.)		
	i	In Circulation Area :- (e.g. Corridor/Reception/ Waiting/ Lift Lobby /Dado etc.)	25mm thick Kota with 100mm high matching wall tile skirting in all Corridor

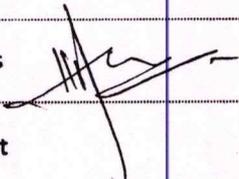
	ii	In Rooms and Usable Spaces :- (e.g. Principal /Warden/ classrooms/Dormitory / Laboratory/Multipurpose Hall/Kitchen etc.)	VITRIFIED TILES (600x600)
	iii	Stair Cases :-	GRANITE
	iv	Toilets :- (e.g. Floor etc.)	8-10 mm thick ceramic floor tiles in toilets & bathroom.
12		DadoTypes :- (e.g. Kota/Rectified Ceramic Tiles/Vitrified tiles/Granite/ Marble/ Sand stone/Cement Tiles etc.)	
	i	In Circulation Area :- (e.g. Corridor/Reception/ Waiting/ Lift Lobby /Dado etc.)	100mm high matching KOTA skirting in all Corridor
	ii	In Rooms and Usable Spaces :- (e.g. Ward/Dormitory / Laboratory/Dining Hall/ Kitchen/O.T. etc.)	100mm high matching VITRIFIED TILES skirting in all Corridor
	iii	Stair Cases :-	100mm high matching wall tile skirting
	iv	Toilets :- (e.g. Walls etc.)	8-10 mm thick ceramic wall tiles (upto 2.10m height) in toilet
13		Roof Treatment(Water Proofing) :- (e.g. Grading Concrete/ APB/ Chemical treatment etc.)	GRADING
14		Roof Treatment(Heat insulation) (e.g. PUF) :-	N.A.
c) Internal Water Supply ,Plumbing and Sanitary			
1		Sanitary Fittings :- (e.g. Premium/Normal/CP/PTMT etc.)	CP FITTING
2		Water Supply Pipes(Internal):- (e.g. GI/CPVC/PE-AL-PE etc.)	CPVC
3		Drainage (Internal Soil & Waste water) :- (e.g. UPVC/ CI/AC etc.)	CI
4		Drainage (Rain water) :- (e.g. UPVC/AC etc.)	UPVC
d) Internal Electrification			
1		POINT Wiring in pvc conduit surface or concealed with pvc insulated copper conductor wire:- (e.g. Modular/Normal Flush Type)	Modular
2		Distribution Boxes IP43 Powder Coated:- (e.g. Single Door/ Double door)	Single Door/ Double door
3		MS Switch Boxes :- (e.g. Modular/ Non modular)	Modular
4		Fans:- (e.g. 5 Star rating Energy saver50 W 1200mm/ Ornamental etc.)	5 Star rating Energy saver50 W 1200mm/1400mm
5		Tubelight:- (e.g. T5/ Led type/ CFL type etc.)	T5
6		Bulbs :- (e.g. CFL/ LED etc.)	CFL
7		Down lighter(Size & Type) :- (e.g. T5/Led type/CFL type etc.)	N.A.

	8	Electrical Load (Kw) :-	
AMENITIES			
e) Rain Water Harvesting			
	1	Type of Recharge structures (e.g. Recharge through Abandoned Dug Well /Hand pump/Recharge Pit/Trench/Gravity Head Recharge Tube Well /Recharge Shaft)	Recharge Pit
	2	Dia of Pipe (e.g. 50mm/75mm/100mm-PVC Rainwater Pipe):-	200mm-PVC Rainwater Pipe
	3	Nos. of Pipe Provided (e.g. 50mm-6.6 sq.m/ 75mm - 20.4 sq.m/ 100mm- 42.70 sq.m/125mm - 80.5 sq.m):-	N.A.
f) HVAC			
	1	Types :- (e.g. Window/Split/wall mounted/ ceiling mounted cassette,/ductable /VRV/Water Chiller, etc.)	N.A.
	2	Names of area covered:- (e.g. Officers/Judge/OT/ICU/ etc.)	N.A.
	3	Load :- (tonnes)	N.A.
	4	Capacity Provided :- (tonnes)	N.A.
g) Lifts/Elevators			
	1	Types :- (e.g. passenger, Stretcher, Goods etc.)	N.A.
	2	Capacity:- (e.g. No.of Passenger/Stretcher)	N.A.
	3	Numbers :-	N.A.
	4	Nos. Of Floors :-	N.A.
h) Solar Water Heating			
		(Yes/No)	No
i) Fire Fighting System			
	1	Types :- (e.g. Fire detection System(alarming)/Hydrant/wall mounted/ trolley mounted/fire extinguisher/Novac gas system)	FIRE EXTINGUISHER
j) Miscellaneous			
	1	Solar lighting System, if any :- (e.g. With Batteries/ without batteries)	N.A.
	2	Furniture, if any :- (e.g. Chair/Table/Shelves/Cupboard)	N.A.

SITE DEVELOPMENT

k) External Water Supply		
1	Under Ground Store :-	
	i Size :-	
	ii Capacity:-	
	iii Location :-	
	iv Type of Water Proofing :- (e.g. Kota/ Ceramic Tile/ Vitrified Tile etc)	
2	Over Head Storage :-	
	i Size :-	
	ii Capacity:-	
	iii Location :-	
	iv Type of Tank:- (e.g. Sintex/ RCC etc)	
	v Type of Water Proofing :- (e.g. Kota/ Ceramic Tile/ Vitrified Tile etc)	
3	Type of Source :- (e.g. Tube well /Well/Municipal Pipeline etc.)	
4	Water Supply Pipes :- (e.g. GI/ Steel/ RCC etc.)	
5	Distance of Source :- (mts)	
6	Submersible Pump:- (e.g. Deep Well , Open Well, Centrifugal etc.)	
l) External Electrification		
1	Loads :-	
2	Lines:- (11kv,33kv)	
3	Substation Type:- (e.g. conventional type/ Compact type/11kv /33 kv etc.)	
4	Distance from source:- (mts)	
5	Transformer:- (Capacity and NO.)	
6	Panels:- (e.g. LT/MV/ Indoor/ Outdoor)	
7	Poles:- (e.g. RS Joist/ H Beam /Rail Pole etc.)	
8	Street Lights :- (e.g. MV/SV/MH/LED etc.)	
9	Street Light Poles:- (e.g. Tubular/Decorative/RS Joist/ H beam etc.)	
10	Diesel Generator Set:- (e.g. AMF/Without AMF)	N.A.

	i	Capacity:- (Kva)	N.A.
	ii	Numbers :-	N.A.
11		CC Tv System, If any:- (Yes/No)	N.A.
12		LAN Networking, Telephone System EPABX System, If any:- (Yes/No)	N.A.
13		Biometric Access Control:- (Yes/No)	N.A.
14		Building Management System:- (Yes/NO)	N.A.
m) Drainage (Open & Underground)			
1		Drainage Pipe (Underground External Soil & Waste water):- (e.g. SW /RCC / UPVC / CI etc.)	
2		Surface Drain (Storm Water) :- (e.g. Open/Hume pipe/ RCC etc.)	
	i	Length :- (mts)	
	ii	Size of opening :- (BXD/Dia.)	
n) Effluent Treatment			
1		Type :- Septic Tank/Sewage Treatment Plant/Bio Digester etc.)	
	i	Design User Number :- (No.)	
	ii	Distance From Tank :- (mts)	
	iii	Recommended Size :- (LXBXD)	
	iv	Provided Size :- (LXBXD)	
o) Roads			N.A.
1		Approach Road & Internal Road :- (e.g. WBM/CC/BT etc.)	CC.
	i	Length :- (mts)	100M
	ii	Width of Carriageway :- (mts)	5M
	iii	Hard Shoulder Width and Type :- (Murrum/Paverblock etc.)	
p) Boundary Wall & Gate			
1		Length :- (mts)	200M
2		Height :- (mts)	1.6M

	3	Guard Room :- (Yes/NO)	NO
	4	Retaining Wall, If any :-	NO
q) Landscaping			
	1	Hardscaping :- (e.g. paverblock/ StoneFlooring/ Cement Concrete etc.)	PAVER BLOCK
	2	Softscaping :- (e.g. Soil/Murum/Grass etc.)	
	3	Types and No.s of Plantation :- (e.g. Neem/ Gulmohar/Jatropha/karanj etc.)	
	12	Steel Consumption :- (Kg/m3)	140 Kg/Cum
	13	Soil Investigation Test, If Any :-	N.A.
	14	SPECIFICATIONS :- (CPWD,BIS,MPPWD SOR etc.)	MPPWD , CPWD , BIS
	15	RATES :- (MPPWD SOR,Non SOR etc.)	As per MPPWD building W.e.f SOR 01/08/2014 ,and Electrical SOR 01.08.2014 with upto date ammendments.
Consultants			
Department			

Name of Project:-

PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

Int Of Contract (PAC) :-

BILL OF QUANTITIES (BOQ)

Area of Building		Sq.m.		All Amount in Rs.			
S.N o.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7	
CIVIL WORKS							
SOR ITEMS (CIVIL)							
SUB TOTAL SOR ITEMS CIVIL WORKS						#REF!	
NON-SOR ITEMS (CIVIL)							
SUB TOTAL NON SOR ITEMS CIVIL WORKS						#REF!	
TOTAL SOR + NON SOR ITEMS CIVIL WORKS						#REF!	
ELECTRICAL & MECHANICAL WORKS							
SOR ITEMS (E/M)							
1			sum of all quantities from all sub heads put to				
2			--do--				
3			--do--				
N			--do--				
SUB TOTAL SOR ITEMS ELECTRICAL & MECHANICAL WORKS							
NON-SOR ITEMS (E/M)							
N + 1			sum of all quantities from all sub heads put to				
N + 2			--do--				
N + 3			--do--				
N+N'			--do--				
SUB TOTAL NON SOR ITEM SELECTRICAL & MECHANICAL WORKS							
TOTAL SOR + NON SOR ITEMS ELECTRICAL & MECHANICAL WORKS							
GRAND TOTAL (=PAC):-							

Signature	Consultants				
	Department				

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
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PROJECT ABSTRACT

All Amount in Rs.								
S.No.	Name Of Project Sub Head	Built Up Area in Sq.m.	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
1	HOSTEL BUILDING	1,135.00	1,66,20,190.80	0.00	1,66,20,190.80	14,643.00	Format C - 1	
2	AMENITIES		21,86,640.00	0.00	21,86,640.00	1,927.00		
Sub Total (Building Works)			1,88,06,830.80	0.00	1,88,06,830.80	16,570.00		
1	SITE DEVELOPMENT		44,67,899.00	0.00	44,67,899.00		Format D	
Sub Total (All Development Works)			44,67,899.00	0.00	44,67,899.00			
TOTAL (All Building Works) & (All Development Works) (C) = (A + B)			2,32,74,729.80	0.00	2,32,74,729.80			
ADD 12 % FOR GST AS PER INSTRUCTION OF GOVT. OF INDIA (D) = (C) X (12/100)			27,92,967.58	0.00	27,92,967.58			
TOTAL PROJECT COST (E) = (C) + (D)			2,60,67,697.38	0.00	2,60,67,697.38			
Add for supervision 5.5% charges					12,80,110.14			
Add for GST @ 18 % on supervision					2,30,419.83			
PROJECT TOTAL					2,75,78,227.34			
Say					275.78 LACS			

Signature	Consultant's			
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN	
Name of Project Sub Head :-	HOSTEL BUILDING	
Built up Area (in Sqm.) :-	1135.00	SQM

General Abstract-PROJECT SUB HEAD
(One for each Project Sub Head e.g. each Building)

All Amount in Rs.								
Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sqm.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
BUILDING WORKS	a	Civil Work Below Plinth Level	21,01,945.00	0.00	21,01,945.00	1,852.00	Format E 1 a	
	b	Civil Work above Plinth Level	1,25,25,423.00	0.00	1,25,25,423.00	11,036.00	Format E 1 b	
	c	Sanitary	9,84,527.20	0.00	9,84,527.20	867.00	Format E 1 c	
	d	Internal Electrification	10,08,295.60	0.00	10,08,295.60	888.00	Format E 1 d	
	Sub Total - BUILDING WORKS			1,66,20,190.80	0.00	1,66,20,190.80	14,643.00	
AMENITIES	e	Rain Water Harvesting	0.00	0.00	0.00	0.00	Format E 1 e	
	f	HVAC	0.00	0.00	0.00	0.00	Format E 1 f	
	g	Lifts/Elevators	20,70,000.00	0.00	20,70,000.00	1,824.00	Format E 1 g	
	h	Solar Heating/Power	0.00	0.00	0.00	0.00	Format E 1 h	
	i	Fire (10nos 9.0 kg ABC cyclinder & 10 nos 4.5 kg CO2 cyclinder)	1,16,640.00	0.00	1,16,640.00	103.00	Format E 1 i	
	j	Miscellaneous	0.00	0.00	0.00	0.00	Format E 1 j	
	Sub Total - AMENITIES			21,86,640.00	0.00	21,86,640.00	1,927.00	
TOTAL BUILDING NO. 1 (BUILDING WORKS + AMENITIES)			1,88,06,830.80	0.00	1,88,06,830.80	16,570.00		

Signature

Consultants			
Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN	
Name of Project Sub Head :-	SITE DEVELOPMENT	
Plot Area in Sq.m. :-	1135.00	Sq.m.

General Abstract- Site Development
(One for Each Project)

All Amount in Rs.

Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs/Sqm.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
SITE DEVELOPMENT	k	External Water Supply (Boring 100 meter depth & Pipe Line 200 M)	1,56,366.00	0.00	1,56,366.00		Format E N + 1 k	
	l	External Electrification	0.00	0.00	0.00		Format E N + 1 l	
	m.1	Drainage (Sewer Line Length 100M)	93,761.00	0.00	93,761.00			
	m.2	Drainage (RCC Drain LengthM)	0.00	0.00	0.00			
	n	Effluent Treatment (1X 150 users)	0.000	0.00	0.00		Format E N + 1 n	
	o	Roads (C.C. M Length)	10,68,398.00	0.00	10,68,398.00		Format E N + 1 o	
	p	Boundary Wall & Gate (200 M Length & 1.6 M Height)	21,29,450.95	0.00	21,29,450.95		Format E N + 1 p	
	q.1	Landscaping Paver Block	10,19,923.00	0.00	10,19,923.00		Format E N + 1 q	
	q.2	Landscaping Horticulture	0.00	0.00	0.00		Format E N + 1 q	
	r.1	Miscellaneous UTILITIES SHIFTING	0.00	0.00	0.00		Format E N + 1 r	
	r.2	Miscellaneous TREE CUTTING	0.00	0.00	0.00			
	r.3	Miscellaneous WATER CONNECTION CHARGES	0.00	0.00	0.00			
		Total C	44,67,899.00	0.00	44,67,899.00			

Signature	Consultants	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN
	Department			

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
Name of Project Sub Head :-	HOSTEL BUILDING
Built up Area (in Sqm.) :-	1135.00 SQM

**General Abstract-PROJECT SUB HEAD
(CIVIL WORK ABOVE PLINTH)**

						All Amount in Rs. 1,25,25,423.00			
Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.	
1	2	3	4	5	6	7	8	9	
	b	Civil Work above Plinth Level					Format E 1 b		
	b.1	Ground Floor LEVEL I	42,43,263.00	0.00	42,43,263.00	3,738.56			
	b.2	First Floor LEVEL	33,74,930.00	0.00	33,74,930.00	2,973.51			
	b.3	Second Floor	33,42,598.00	0.00	33,42,598.00	2,945.02			
	b.4	Mumty Level	7,88,575.00	0.00	7,88,575.00	694.78			
	b.5	RENOVATION	7,76,057.00		7,76,057.00				
TOTAL CIVIL WORK ABOVE PLINTH			1,25,25,423.00	0.00	1,25,25,423.00	10,351.86			

Signature	Consultants			
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN				
S.No. of Project Sub	1				
Name of Project Sub	HOSTEL BUILDING				
S.No. of Component	a				
Name of Component	Civil Work Upto Plinth Level				

Abstract Of Cost

All Amount in Rs.

2101945

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
		Up to Plinth Level				
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
	2.1.1	All kinds of soil.	SQM	4.19	722.70	3,025.94
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)				
	2.6.1	All kind of soil	CUM	262.81	116.10	30,512.24
3	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)				
	2.26.1	All kinds of soil.	CUM	61.56	27.00	1,662.12
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.2	With 40mm nominal size graded stone aggregate.				
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)	CUM	15.16	3126.00	47,390.16

82590

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)			5000	367050
	5.42.1.1	M-20	CUM	73.41	5685.30	4,17,357.87
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)			5000	138900
	5.42.1.1	M-20	CUM	27.78	5685.30	1,57,937.63
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	14166.60	60.00	8,49,996.00

14,38,536

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	CUM	235.80	64.80	15,279.84
9	1.1	Transportation By Mechanical Transport including loading , unloading and stacking.				
	1.1.2	Earth	CUM	66.43	186.34	12,377.83
10	2.28.1	Supplying and filling in plinth with hard muram/hard copra having MDD not less then 2.0 t/m ³ under floors including watering ramming compacting (minimum of compacting 95% of MDD) in layers not exceeding 20cm in thick and dressing complete. (Note-maximum thick thickness of this layer to be provided shall be 30cm.)	CUM	300.52	270.00	81,140.40
11	2.27	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth and dressing complete Note- maximum thickness of this layer to be provided shall be 20cm.	CUM	33.38	604.80	20,188.22
12	2.32	Preconstruction antitermite treatment to the building underconstruction by providing 1: Treating the bottom and the sides (up to 30cm hight of the excavated trench @litter per sqm of the surface area. Staa=e 2: After masonry/RCC work, the backfill in the immdiate contact with the foundation structure treatment .5 litter per sqm. of the vertical surface of the substructure for each side. Staa=e 3: surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @.0 litres/Sqm. Staa=e 4: Pumping the emulsion in plinth masonry on filling side at floor junction 5 litres/Sqm. Staa=e 5: Pumping the emulsion from outer side of the plinth below ground around the masonry <@.0 litres/Sqm as per I.S. 8944 Emulsion. (Ichlorpyrifos: 19 water with five years serv-ice guarantee (Measurements to be taken for plinth area)	SQM	30.05	122.40	3,678.12

15,71,200

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
13	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)			5000	166900
	5.42.1.1	M-20	CUM	33.38	5685.30	1,89,775.31
14	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	Kg	3338.00	60.00	2,00,280.00
15	4.17	Making plinth protection 50mm thick of cement concrete grade M10 over 75mm bed of dry metal ballast 40mm nominal size well rammed and consolidated and filled with sand including finishing the top smooth (with 20mm nominal size graded stone aggregate.				
			SQM	84.60	315.90	26,725.14
16	11.75	Providing and laying 60mm thick factory made cement concrete nterlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of stone dust, filling the joints with sand etc. all complete as per the direction of Engineer-in-charge.				
			SQM	84.60	527.40	44,618.04
SUB TOTAL SOR ITEMS						21,01,944.86
NON-SOR ITEMS						
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						21,01,945.00

20,0977

Son ex 20.09

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
Signature	Consultants					
	Department		<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	

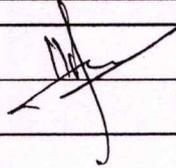
Name of Project:-		PROPOSED-50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN								
S.No. of Project Sub Head		1								
Name of Project Sub Head		HOSTEL BUILDING								
S.No. of Component :-		a								
Name of Component :-		Civil Work Upto Plinth Level								
Quantity Sheet (Separate for each Sub Head Components in the Project)										
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark	
1	2	3	4	5	6	7	8	9	10	
SOR ITEMS										
		Up to Plinth Level								
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.								
	2.1.1	All kinds of soil.	100 Per Sq.m.	1	26.50	15.80		4.19		
								TOTAL	4.19	
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)								
	2.6.1	All kind of soil	CUM	12	2.10	1.80	2.00	90.72		
		Footing F1	CUM	16	2.00	1.80	2.00	115.20		
		Footing F2	CUM	4	1.90	1.80	2.00	27.36		
		Footing F3	CUM	2	1.80	1.80	2.00	12.96		
		Footing F4	CUM	1	3.10	2.40	2.00	14.88		
		Lift Well	CUM	1	84.60	0.10	0.20	1.69		
		Curtain Wall	CUM				Total	262.81		
3	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)								
	2.26.1	All kinds of soil.	CUM	12	2.10	1.80	0.50	22.68		
		Footing F1	CUM	16	2.00	1.80	0.50	28.80		
		Footing F2	CUM	4	1.90	1.80	0.50	6.84		
		Footing F3	CUM	2	1.80	1.80	0.50	3.24		
		Footing F4	CUM	1	3.10	2.40	0.50	3.72		
		Lift Well	CUM				Total	61.56		
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :								
	4.1.2	With 40mm nominal size graded stone aggregate.								
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)	CUM	12	2.10	1.80	0.10	4.54		
		Footing F1	CUM	16	2.00	1.80	0.10	5.76		
		Footing F2	CUM	4	1.90	1.80	0.10	1.37		
		Footing F3	CUM	2	1.80	1.80	0.10	0.65		
		Footing F4	CUM	1	3.10	2.40	0.10	0.74		
		Lift Well	CUM	2	7.00	1.50	0.10	2.10		
		Development work RAMP	CUM				Total	15.16		

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remarks
1	2	3	4	5	6	7	8	9	10
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to							
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Column Footing Plain Area							
		Footing F1	CUM	12	1.90	1.60	0.50	18.24	
		Footing F2	CUM	16	1.80	1.60	0.50	23.04	
		Footing F3	CUM	4	1.70	1.60	0.50	5.44	
		Footing F4	CUM	2	1.60	1.60	0.50	2.56	
		Lift Wall	CUM	1	10.20	1.50	0.50	7.65	
		Column UP TO PLINTH LVL							
		Column C1 (300MM X 600MM)	CUM	12	0.30	0.60	2.40	5.18	
		Column C2 (300MM X 500MM)	CUM	16	0.30	0.50	2.40	5.76	
		Column C3 (300MM X 400MM)	CUM	4	0.30	0.40	2.40	1.15	
		Column C4 (300MM X 300MM)	CUM	2	0.30	0.30	2.40	0.43	
		Lift Wall	CUM	1	11.00	0.15	2.40	3.96	
							Total	73.41	
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to							
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Curtain Wall	CUM	1	84.60	0.10	0.40	3.38	
		BEAMS							
		X - Dic							
		BEAMS	CUM	10	3.45	0.20	0.50	3.45	
		BEAMS	CUM	7	3.50	0.20	0.50	2.45	
		BEAMS	CUM	7	3.35	0.20	0.50	2.35	
		BEAMS	CUM	7	3.50	0.20	0.50	2.45	
		BEAMS	CUM	1	3.00	0.20	0.50	0.30	
		BEAMS	CUM	2	1.40	0.20	0.50	0.28	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Rema k
1	2	3	4	5	6	7	8	9	10
		BEAMS	CUM	2	5.40	0.20	0.50	1.08	
		BEAMS	CUM	3	3.40	0.20	0.50	1.02	
		BEAMS	CUM	1	2.05	0.20	0.50	0.21	
			CUM				Total (A)	16.97	
		Y - Dic							
		BEAMS	CUM	3	5.80	0.20	0.50	1.74	
		BEAMS	CUM	2	2.75	0.20	0.50	0.55	
		BEAMS	CUM	1	2.35	0.20	0.50	0.24	
		BEAMS	CUM	1	1.95	0.20	0.50	0.20	
		BEAMS	CUM	3	4.30	0.20	0.50	1.29	
		BEAMS	CUM	1	3.80	0.20	0.50	0.38	
		BEAMS	CUM	8	2.10	0.20	0.50	1.68	
		BEAMS	CUM	1	4.30	0.20	0.50	0.43	
		BEAMS	CUM	1	2.10	0.20	0.50	0.21	
		BEAMS	CUM	1	3.40	0.20	0.50	0.34	
		BEAMS	CUM	5	5.60	0.20	0.50	2.80	
							Total (B)	9.86	
		PROJECTION FOR ELEVATION BOX	CUM	16	0.85	0.30	0.15	0.61	
		PROJECTION WALL	CUM	2	0.20	5.60	0.15	0.34	
							Total (C)	0.95	
							Total (A+B+C)	27.78	
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786							
		Qty in Cum		140				101.19	
		Steel = 140 Kg/Cum		Kg				14166.60	
				Kg			Total	14166.60	
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.							
		Column pit						324.37	
			CUM				Total	324.37	
		Deduction column, Footing & Base concrete on Plinth Beam						88.57	
			CUM				G.Total	235.80	
9	1.1	Transportation By Mechanical Transport including loading , unloading and stacking.							
	1.1.2	Earth (It assume that average Qty will be of Black cotton soil)						88.57	
		Quantities after deduction of 25 % for voids .						22.14	
			CUM				Total	66.43	
10	2.28.1	Supplying and filling in plinth with hard muram/hard copra having MDD not less then 2.0 t/m ³ under floors including watering ramming compacting (minimum of comp acting 95% of MDD) in layers not exceeding 20cm in thick and dressing complete. (Note-maximum thick thickness of this layer to be provided shall be 30cm.)							
		Inside to Inside Area							
		COMMON ROOM	CUM	1	3.25	8.60	0.90	25.16	
		ROOM	CUM	1	3.25	6.00	0.90	17.55	
		SPACE FOR DRYING CLOTHES	CUM	1	3.00	2.70	0.90	7.29	
		PHYSICAL HANDI. TOI	CUM	1	2.30	1.50	0.90	3.11	
		TOILET	CUM	1	5.90	2.70	0.90	14.34	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Rema k
1	2	3	4	5	6	7	8	9	10
		BATH	CUM	1	1.30	1.50	0.90	1.76	
		CORRIDOOR	CUM	1	11.00	2.40	0.90	23.76	
		KITCHEN - I	CUM	1	3.56	3.30	0.90	10.57	
		PANTRY	CUM	1	3.80	1.80	0.90	6.16	
		STORE ROOM	CUM	1	3.60	2.30	0.90	7.45	
		DINNING HALL	CUM	1	7.25	6.00	0.90	39.15	
		ENTRANCE LOBBY	CUM	1	3.40	3.80	0.90	11.63	
		OFFICE	CUM	1	3.60	2.90	0.90	9.40	
		KITCHEN - II	CUM	1	3.50	2.40	0.90	7.56	
		WASH AREA	CUM	1	3.50	2.10	0.90	6.62	
		DRAWING / DINNING	CUM	1	3.50	6.00	0.90	18.90	
		TOILET	CUM	2	2.10	1.70	0.90	6.43	
		BEDROOM - I	CUM	1	3.60	4.20	0.90	13.61	
		BEDROOM - II	CUM	1	3.60	2.90	0.90	9.40	
		VERANDAH	CUM	1	3.50	4.69	0.90	14.77	
		RAMP	CUM	2	7.50	2.00	0.90	27.00	
		STAIRS	CUM	1	3.50	6.00	0.90	18.90	
			CUM				Total	300.52	
11	2.27	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth and dressing complete Note- maksimum thickness of this layer to be provided sh all be 20cm.							
		Inside to Inside Area							
		COMMON ROOM	CUM	1	3.25	8.60	0.10	2.80	
		ROOM	CUM	1	3.25	6.00	0.10	1.95	
		SPACE FOR DRYING CLOTHES	CUM	1	3.00	2.70	0.10	0.81	
		PHYSICAL HANDI. TOI	CUM	1	2.30	1.50	0.10	0.35	
		TOILET	CUM	1	5.90	2.70	0.10	1.59	
		BATH	CUM	1	1.30	1.50	0.10	0.20	
		CORRIDOOR	CUM	1	11.00	2.40	0.10	2.64	
		KITCHEN - I	CUM	1	3.56	3.30	0.10	1.17	
		PANTRY	CUM	1	3.80	1.80	0.10	0.68	
		STORE ROOM	CUM	1	3.60	2.30	0.10	0.83	
		DINNING HALL	CUM	1	7.25	6.00	0.10	4.35	
		ENTRANCE LOBBY	CUM	1	3.40	3.80	0.10	1.29	
		OFFICE	CUM	1	3.60	2.90	0.10	1.04	
		KITCHEN - II	CUM	1	3.50	2.40	0.10	0.84	
		WASH AREA	CUM	1	3.50	2.10	0.10	0.74	
		DRAWING / DINNING	CUM	1	3.50	6.00	0.10	2.10	
		TOILET	CUM	2	2.10	1.70	0.10	0.71	
		BEDROOM - I	CUM	1	3.60	4.20	0.10	1.51	
		BEDROOM - II	CUM	1	3.60	2.90	0.10	1.04	
		VERANDAH	CUM	1	3.50	4.69	0.10	1.64	
		RAMP	CUM	2	7.50	2.00	0.10	3.00	
		STAIRS	CUM	1	3.50	6.00	0.10	2.10	
			CUM				Total	33.38	
12	2.32	Preconstruction antitermite treatment to the building underconstruction by providing 1: Treating the bottom and the sides (up to 30cm hight of the excavated trench @litter per sqm of the surface area. Staa=e 2: After masonry/RCC work, the backfill in the immdiate contact with the foundation structure treatment .5 litter per sqm. of the vertical surface of the substructure for each side. Staa=e 3: surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @.0 litres/Sqm. Staa=e 4: Pumping the emulsion in plinth masonry on filling side at floor junction 5 litres/Sqm.							
		Staa=e 5: Pumping the emulsion from outer side of the plinth below ground around the masonry <@.0 litres/Sqm as per I.S. 8944 Emulsion. (Ichlo rpyrifos: 19 water with five years serv-ice guarantee (Measurements to be taken for plinth area)							
		Total Plinth Area	SQM	1	300.52		0.10	30.05	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			SQM				Total	30.05	
13	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to							
	5.42.1	All works up to plinth level (footing raft, pedestal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Inside to Inside Area							
		COMMON ROOM	CUM	1	3.25	8.60	0.10	2.80	
		ROOM	CUM	1	3.25	6.00	0.10	1.95	
		SPACE FOR DRYING CLOTHES	CUM	1	3.00	2.70	0.10	0.81	
		PHYSICAL HANDI. TOI	CUM	1	2.30	1.50	0.10	0.35	
		TOILET	CUM	1	5.90	2.70	0.10	1.59	
		BATH	CUM	1	1.30	1.50	0.10	0.20	
		CORRIDOOR	CUM	1	11.00	2.40	0.10	2.64	
		KITCHEN -	CUM	1	3.56	3.30	0.10	1.17	
		PANTRY	CUM	1	3.80	1.80	0.10	0.68	
		STORE ROOM	CUM	1	3.60	2.30	0.10	0.83	
		DINNING HALL	CUM	1	7.25	6.00	0.10	4.35	
		ENTRANCE LOBBY	CUM	1	3.40	3.80	0.10	1.29	
		OFFICE	CUM	1	3.60	2.90	0.10	1.04	
		KITCHEN - II	CUM	1	3.50	2.40	0.10	0.84	
		WASH AREA	CUM	1	3.50	2.10	0.10	0.74	
		DRAWING / DINNING	CUM	1	3.50	6.00	0.10	2.10	
		TOILET	CUM	2	2.10	1.70	0.10	0.71	
		BEDROOM - I	CUM	1	3.60	4.20	0.10	1.51	
		BEDROOM - II	CUM	1	3.60	2.90	0.10	1.04	
		VERANDAH	CUM	1	3.50	4.69	0.10	1.64	
		RAMP	CUM	2	7.50	2.00	0.10	3.00	
		STAIRS	CUM	1	3.50	6.00	0.10	2.10	
			CUM				Total	33.38	
14	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786							
		Qty in Cum	100					33.38	
		Steel = 100 Kg/Cum	Kg					3338.00	
			Kg				Total	3338.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark	
1	2	3	4	5	6	7	8	9	10	
15	4.17	Making plinth protection 50mm thick of cement concrete grade M10 over 75mm bed of dry metal ballast 40mm nominal size well rammed and consolidated and filled with sand including finishing the top smooth (with 20mm nominal size graded stone aggregate.								
		Plinth Protection Area	SQM	1	84.60	1.00		84.60		
		Total	SQM				Total	84.60		
16	11.75	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M-30 grade made by block making machine with strong vibratory compaction, of approved size, design and shape, laid in required colour and pattern over and including 50mm thick compacted bed of stone dust, filling the joints with sand etc. all complete as per the direction of Engineer-in-charge.								
			SQM	1	84.60		1.00	84.60		
			SQM				Total	84.60		
NON-SOR ITEMS										
n+1								cell Detail 1 a (n+1)		
n+2								cell Detail 1 a (n+2)		
n+3								cell Detail 1 a (n+3)		
n+n'								cell Detail 1 a (n+n')		
	Signature	Consultants			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	
		Department								

FORMAT - E

(One for each component of each Project Sub Head)

b

1

Name of Project:- PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub

1

Name of Project

HOSTEL BUILDING

S.No. of Component

b

Name of Component

Civil Work above Plinth Level

Abstract Of Cost

(Separate for each Sub Head Components in the Project)

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,				
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.				
	5.42.2.1	M-20	CUM	20.10	5856.30	1,17,711.63
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,				
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab				
	5.42.3.1	M-20	CUM	68.62	6442.20	4,42,063.76

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	12420.80	60.00	7,45,248.00
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				
	6.7.3	having 50 kg / cm2 average compressive strength				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	CUM	107.08	4535.10	4,85,618.51
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.				
	6.15.3	having 50 kg/cm2 average compressive strength				
	6.15.3.2	Cement mortar 1 : 4 (1 cement : 4 sand)	SQM	26.28	543.60	14,285.81
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM	26.28	114.30	3,003.80
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion.				
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	552.90	339.30	1,87,598.97

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).				
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	442.32	382.50	1,69,187.40
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge				
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm				
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.	MTR	140.40	388.26	54,511.70
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or				
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	SQM	335.58	3482.10	11,68,523.12
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and				
	21.3.1	With float glass panes of 4.0 mm thickness	SQM	55.29	764.10	42,247.09
10	21.4	Add extra for providing and fixing froasted glass instead of float glass				
	21.4.1	With glass panes of 4.0 mm thickness	SQM	3.48	233.10	811.19

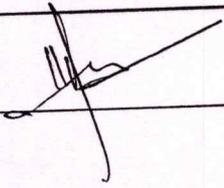
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	9.43.1	Fixed to steel windows by welding.	KG.	1105.80	81.90	90,565.02
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.	EACH	17.00	133.56	2,270.52
13	13.8	6 mm cement plaster of mix :				
	13.8.1	1:3 (1 cement: 3 sand)	SQM	363.19	86.40	31,379.62
14	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	850.25	99.00	84,174.75
15	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement : 6 sand)	SQM	210.21	115.20	24,216.19
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:				
	12.26.1	In 75x75mm deep chase	Rm	34.30	89.10	3,056.13
17	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	20.58	99.00	2,037.42
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	Rm	147.30	16.65	2,452.55
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.				
		600MMx600MM AS PER SPECIFICATION	SQM.	28.47	589.50	16,783.07

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement: 3 sand) including pointing the joints with white cement and matching pigments etc., complete.	SQM.	93.42	644.40	60,199.85
21	11.94	Providing and laying digital print random design (PGVT)(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS: 15622 of approved make in all colours & shades, 1st quality/premium including grouting the joints with white cement and matching pigments etc. complete.				
	11.94.1	for floor glossy/rustic/satin/matt finished laid on 20 mm thick cement mortar 1:4 (1cement:4 sand)	SQM	11.48	936.00	10,749.02
22	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :				
	11.34.1	25 mm thick.	SQM.	180.10	688.50	1,23,996.78
23	11.43	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	RM	35.00	35.10	1,228.50
24	11.46	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all Colours shades, Except burgundy, Bottle green, Black, laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement : 3	SQM.	7.68	644.00	4,945.92
25	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor two level, excluding the cost of centering, shuttering and finishing :				
	4.2.1	With 20mm nominal size graded stone aggregate				
	4.2.1.3	M 15 - Grade concrete	CUM	1.09	4242.60	4,624.43

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
26	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.	SQM	1423.65	66.60	94,815.09
27	13.47	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.	SQM	1213.44	54.00	65,525.76
28	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:				
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	SQM	210.21	78.30	16,459.44
29	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.68.1	Two or more coats on new work	SQM	176.97	47.70	8,441.47
30	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:				
	9.65.1	300x16mm	EACH	46.00	350.10	16,104.60
31	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:				
	9.69.1	125mm	EACH	46.00	54.00	2,484.00
32	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:				
	9.66.1	250x.10mm	EACH	46.00	133.20	6,127.20
33	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transpa-rent or dyed to required colour and shade with necessary screws etc. complete.				
	9.114.2	Twin rubber stopper	EACH	23.00	77.40	1,780.20

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :				
	9.68.2	250x20x6 mm	EACH	22.00	155.70	3,425.40
34	9.95	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) with double speed adjustment with necessary accessories and screws etc. complete.	EACH	2.10	1067.40	2,241.54
35	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :				
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.				
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	SQM	28.47	186.30	5,303.96
36	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering upt 10 meter height..	SQM	100.00	55.80	5,580.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
37	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing	KG	66.00	714.38	47,149.08
38	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.				
	11.29.1	Area of slab more than 0.50 sqm.				
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other colours or glitter	SQM	12.15	2142.00	26,025.30
39	11.28	Granite work gang saw cut, (polished nad machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortar 1:3 (1cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for seperately).				
	11.28.2	Area of slab less than 0.50 sqm				
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern / crystals of other colours or glitters	SQM	16.16	2254.50	36,432.72

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
40	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.				
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black	SQM	3.50	1617.30	5,660.55
	11.22.3	Cuddpah stone	SQM	5.40	1151.10	6,215.94
						42,43,263.00
NON-SOR ITEMS						
n+n'				cell Detail 1 a (n+n')		
TOTAL NON SOR ITEMS						42,43,263.00
TOTAL SOR + NON SOR ITEMS						
Signature	Consultants					
	Department					
			SR. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

FORMAT - F										b	1
Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN									
S.No. of Project Sub		1									
Name of Project Sub		HOSTEL BUILDING									
S.No. of Component :-		b									
Name of Component :-		Civil Work above Plinth Level									
Quantity Sheet											
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark		
1	2	3	4	5	6	7	8	9	10		
SOR ITEMS											
GROUND FLOOR											
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only.(Note: Design mix shall have minimum cement content shall be 325									
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.									
	5.42.2.1	M-20									
		Column C1 (300MM X 600MM)	CUM	12	0.30	0.60	3.00	6.48			
		Column C2 (300MM X 500MM)	CUM	16	0.30	0.50	3.00	7.20			
		Column C3 (300MM X 400MM)	CUM	4	0.30	0.40	3.00	1.44			
		Column C4 (300MM X 300MM)	CUM	2	0.30	0.30	3.00	0.54			
		Lift Wall	CUM	1	11.00	0.15	3.00	4.95			
		lift door	CUM	-1	1.00	0.20	2.55	-0.51			
			CUM				TOTAL	20.10			
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only. (Note: Design mix shall have minimum cement content									
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab									
	5.42.3.1	M-20									
		BEAMS									
		X - Dic									
		BEAMS	CUM	10	3.45	0.20	0.50	3.45			
		BEAMS	CUM	7	3.50	0.20	0.50	2.45			
		BEAMS	CUM	7	3.35	0.20	0.50	2.35			
		BEAMS	CUM	7	3.50	0.20	0.50	2.45			
		BEAMS	CUM	1	3.00	0.20	0.50	0.30			
		BEAMS	CUM	2	1.40	0.20	0.50	0.28			
		BEAMS	CUM	2	5.40	0.20	0.50	1.08			
		BEAMS	CUM	3	3.40	0.20	0.50	1.02			
		BEAMS	CUM	1	2.05	0.20	0.50	0.21			
		Y - Dic									
		BEAMS	CUM	3	5.80	0.20	0.50	1.74			
		BEAMS	CUM	2	2.75	0.20	0.50	0.55			
		BEAMS	CUM	1	2.35	0.20	0.50	0.24			
		BEAMS	CUM	1	1.95	0.20	0.50	0.20			
		BEAMS	CUM	3	4.30	0.20	0.50	1.29			
		BEAMS	CUM	1	3.80	0.20	0.50	0.38			
		BEAMS	CUM	8	2.10	0.20	0.50	1.68			
		BEAMS	CUM	1	4.30	0.20	0.50	0.43			
		BEAMS	CUM	1	2.10	0.20	0.50	0.21			
		BEAMS	CUM	1	3.40	0.20	0.50	0.34			
		BEAMS	CUM	5	5.60	0.20	0.50	2.80			
							Total (A+B+C)	23.45			
		LINTEL									

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		PROJECTION FOR ELEVATION BOX	CUM	16	0.85	0.30	0.15	0.61	
		WINDOW W1	CUM	11	2.20	0.20	0.15	0.73	
		WINDOW W2	CUM	4	1.70	0.20	0.15	0.20	
		WINDOW W3	CUM	5	1.40	0.20	0.15	0.21	
		WINDOW W4	CUM	2	1.10	0.20	0.15	0.07	
		VENTILATOR V1	CUM	1	2.60	0.20	0.15	0.08	
		VENTILATOR V2	CUM	6	1.00	0.20	0.15	0.18	
		LINTEL BAND	CUM	10	2.00	0.20	0.15	0.60	
							TOTAL (B)	2.68	
		DOOR LINTEL	CUM	1	1.90	0.20	0.15	0.06	
		DOOR D1	CUM	5	1.60	0.20	0.15	0.24	
		DOOR D2	CUM	10	1.40	0.20	0.15	0.42	
		DOOR D3	CUM	7	1.20	0.20	0.15	0.25	
		DOOR D4	CUM				TOTAL (C)	0.72	
		CHAJJA PROJECTION	CUM	11	2.20	0.60	0.10	1.45	
		CHAJJA 1	CUM	1	6.10	0.60	0.10	0.37	
		CHAJJA 2	CUM	1	4.00	0.60	0.10	0.24	
		CHAJJA 3	CUM				TOTAL (D)	2.06	
		Roof Slab 130 mm	CUM	1	3.25	8.60	0.13	3.63	
		COMMON ROOM	CUM	1	3.25	6.00	0.13	2.54	
		ROOM	CUM	1	3.00	2.70	0.13	1.05	
		SPACE FOR DRYING CLOTHES	CUM	1	2.30	1.50	0.13	0.45	
		PHYSICAL HANDI. TOI	CUM	1	5.90	2.70	0.13	2.07	
		TOILET	CUM	1	1.30	1.50	0.13	0.25	
		BATH	CUM	1	11.00	2.40	0.13	3.43	
		CORRIDOOR	CUM	1	3.56	3.30	0.13	1.53	
		KITCHEN - I	CUM	1	3.80	1.80	0.13	0.89	
		PANTRY	CUM	1	3.60	2.30	0.13	1.08	
		STORE ROOM	CUM	1	7.25	6.00	0.13	5.66	
		DINNING HALL	CUM	1	3.40	3.80	0.13	1.68	
		ENTRANCE LOBBY	CUM	1	3.60	2.90	0.13	1.36	
		OFFICE	CUM	1	3.50	2.40	0.13	1.09	
		KITCHEN - II	CUM	1	3.50	2.10	0.13	0.96	
		WASH AREA	CUM	1	3.50	6.00	0.13	2.73	
		DRAWING / DINNING	CUM	2	2.10	1.70	0.13	0.93	
		TOILET	CUM	1	3.60	4.20	0.13	1.97	
		BEDROOM - I	CUM	1	3.60	2.90	0.13	1.36	
		BEDROOM - II	CUM	1	3.50	4.69	0.13	2.13	
		VERANDAH	CUM				TOTAL (E)	36.79	
		STAIR 1	CUM	2	3.75	1.50	0.13	1.46	
		FLIGHT	CUM	1	3.20	1.50	0.15	0.72	
		LANDING	CUM	22	1.50	0.15	0.15	0.74	
		STEPS	CUM				TOTAL (F)	2.92	
			CUM				TOTAL	68.62	
		(A+B+C+D+E+F)	CUM						
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786		140					20.10
		COLUMN							
		SLAB & BEAM & LINTEL ,ALL Chajja + Door Lintel	CUM						68.62
			CUM				TOTAL		88.72
		Steel = 140 Kg/Cum	KG				TOTAL		12420.80
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :							
	6.7.3	having 50 kg / cm ² average compressive strength							
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)							
		X-DIC	CUM	10	3.45	0.20	3.00	20.70	
		WALL	CUM	5	3.50	0.20	3.00	10.50	
		WALL	CUM	7	3.35	0.20	3.00	14.07	
		WALL	CUM	7	3.50	0.20	1.00	4.90	
		WALL	CUM	1	3.00	0.20	3.00	1.80	
		WALL	CUM	2	1.40	0.20	3.00	1.68	
		WALL	CUM	2	5.40	0.20	3.00	6.48	
		WALL	CUM	3	3.40	0.20	3.00	6.12	
		WALL	CUM	1	2.05	0.20	3.00	1.23	
		WALL	CUM	1	1.90	0.20	3.00	18.24	
		ELEVATION PROJECTION	CUM	16			TOTAL (A)	85.72	
		Y - Dic	CUM	3	5.80	0.20	3.00	10.44	
		WALL	CUM	2	2.75	0.20	3.00	3.30	
		WALL	CUM	1	2.35	0.20	3.00	1.41	
		WALL	CUM	1	1.95	0.20	3.00	1.17	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		WALL	CUM	3	4.30	0.20	1.00	2.58	
		WALL	CUM	1	3.80	0.20	3.00	2.28	
		WALL	CUM	6	2.10	0.20	3.00	7.56	
		WALL	CUM	1	4.30	0.20	3.00	2.58	
		WALL	CUM	1	2.10	0.20	3.00	1.26	
		WALL	CUM	1	3.40	0.20	3.00	2.04	
		WALL	CUM	2	5.60	0.20	3.00	6.72	
							TOTAL (B)	41.34	
							TOTAL A+B	127.06	
		DEDUCTION'S							
		WINDOW W1	CUM	11	1.80	0.20	1.65	6.53	
		WINDOW W2	CUM	4	1.30	0.20	1.65	1.72	
		WINDOW W3	CUM	5	1.00	0.20	1.65	1.65	
		WINDOW W4	CUM	2	0.70	0.20	1.65	0.46	
		VENTILATOR V1	CUM	1	2.20	0.20	0.60	0.26	
		VENTILATOR V2	CUM	6	0.60	0.20	0.60	0.43	
		DOOR D1	CUM	1	1.50	0.20	2.55	0.77	
		DOOR D2	CUM	5	1.20	0.20	2.55	3.06	
		DOOR D3	CUM	10	1.00	0.20	2.55	5.10	
							TOTAL (C)	-19.98	
							TOTAL (A+B+C)	107.08	
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.							
	6.15.3	having 50 kg/cm ² average compressive strength							
	6.15.3.2	Cement mortar 1 : 4 (1 cement : 4 sand)	SQM	3	1.50		2.55	11.48	
		WALL	SQM	1	1.70		2.55	4.34	
		WALL	SQM	1	2.30		2.55	5.87	
		WALL	SQM	3	1.20		2.55	9.18	
		WALL	SQM	1	3.80		2.55	9.69	
		DEDUCTION'S							
		D4	SQM	7	0.80		2.55	-14.28	
							TOTAL	26.28	
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM					26.28	
			SQM				TOTAL	26.28	
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :							
	21.1.1	For fixed portion.							
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		WINDOW W4	SQM	2	0.7		1.65	2.31	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	6	0.6		0.6	2.16	
			SQM				TOTAL WINDOW AREA	55.29	
		10 KG/SQM	KG				TOTAL	552.90	
			SQM				TOTAL	552.90	
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber I neoprene gasket required (Fittings shall be paid for separately):							
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		WINDOW W4	SQM	2	0.70		1.65	2.31	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
			SQM					TOTAL WINDOW AREA	55.29
		8 KG/SQM	KG				TOTAL	442.32	
			SQM				TOTAL	442.32	
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge							
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm							
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.							
		DOOR D1	MTR	1	6.60			6.60	
		DOOR D2	MTR	5	6.30			31.50	
		DOOR D3	MTR	10	6.10			61.00	
							TOTAL	140.40	
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make.							
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.							
		DOOR'S SHUTTER							
		DOOR D1	SQM	1.00	1.00		2.55	2.55	
		DOOR D2	SQM	5.00	5.00		2.55	63.75	
		DOOR D3	SQM	10.00	10.00		2.55	255.00	
		DOOR D4	SQM	7.00	0.80		2.55	14.28	
			SQM				TOTAL	335.58	
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :							
	21.3.1	With float glass panes of 4.0 mm thickness							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		WINDOW W4	SQM	2	0.70		1.65	2.31	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
			SQM				TOTAL	55.29	
10	21.4	Add extra for providing and fixing frosted glass instead of float glass							
	21.4.1	With glass panes of 4.0 mm thickness							
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
							TOTAL	3.48	
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.							
	9.43.1	Fixed to steel windows by welding.							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		WINDOW W4	SQM	2	0.70		1.65	2.31	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
			SQM				TOTAL	55.29	
		Frames @ 20Kg/ Sq.m.	KG.				TOTAL	1105.80	
			SQM				TOTAL	1105.80	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.	EACH	17				17.00	
			EACH				TOTAL	17.00	
13	13.8	6 mm cement plaster of mix :							
	13.8.1	1:3 (1 cement: 3 sand)							
		Roof Slab 130 mm							
		COMMON ROOM	SQM	1	3.25	8.60		27.95	
		ROOM	SQM	1	3.25	6.00		19.50	
		SPACE FOR DRYING CLOTHES	SQM	1	3.00	2.70		8.10	
		PHYSICAL HANDI. TOI	SQM	1	2.30	1.50		3.45	
		TOILET	SQM	1	5.90	2.70		15.93	
		BATH	SQM	1	1.30	1.50		1.95	
		CORRIDOOR	SQM	1	11.00	2.40		26.40	
		KITCHEN - I	SQM	1	3.56	3.30		11.75	
		PANTRY	SQM	1	3.80	1.80		6.84	
		STORE ROOM	SQM	1	3.60	2.30		8.28	
		DINNING HALL	SQM	1	7.25	6.00		43.50	
		ENTRANCE LOBBY	SQM	1	3.40	3.80		12.92	
		OFFICE	SQM	1	3.60	2.90		10.44	
		KITCHEN - II	SQM	1	3.50	2.40		8.40	
		WASH AREA	SQM	1	3.50	2.10		7.35	
		DRAWING / DINNING	SQM	1	3.50	6.00		21.00	
		TOILET	SQM	2	2.10	1.70		7.14	
		BEDROOM - I	SQM	1	3.60	4.20		15.12	
		BEDROOM - II	SQM	1	3.60	2.90		10.44	
		VERANDAH	SQM	1	3.50	4.69		16.42	
		BEAM	SQM	2	0.1	160.69		32.14	
							TOTAL (A)	315.02	
		Weather Shade							
		CHAJJA 1	SQM	11	2.20	0.60		14.52	
			SQM	22	2.20		0.10	4.84	
			SQM	11		0.60	0.10	0.66	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
			SQM	2	6.10		0.10	1.22	
			SQM	1		0.60	0.10	0.06	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM	2	4.00		0.10	0.80	
			SQM	1		0.60	0.10	0.06	
			SQM				TOTAL (B)	28.22	
		STAIR 1							
		FLIGHT	SQM	2	3.75	1.50		11.25	
		STEPS	SQM	22	1.50	0.15		4.95	
		FLIGHT SIDES	SQM	2	3.75	0.50		3.75	
							TOTAL (C)	19.95	
		(A+B+C)	SQM				TOTAL	363.19	
			SQM				TOTAL	363.19	
14	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		X - DIRECTION							
		WALL	SQM	3	19.00		3.45	196.65	
		WALL	SQM	4	4.30		3.45	59.34	
		WALL	SQM	4	5.60		3.45	77.28	
		WALL	SQM	2	7.00		3.45	48.30	
		WALL	SQM	4	1.20		3.45	16.56	
		WALL	SQM	2	4.70		3.45	32.43	
		WALL	SQM	3	8.20		3.45	84.87	
		Y - DIRECTION							
		WALL	SQM	2	12.00		3.45	82.80	
		WALL	SQM	3	4.20		3.45	43.47	
		WALL	SQM	3	3.20		3.45	33.12	
		WALL	SQM	1	4.40		3.45	15.18	
		WALL	SQM	1	2.40		3.45	8.28	
		WALL	SQM	6	4.50		3.45	93.15	
		WALL	SQM	4	2.30		3.45	31.74	
		WALL	SQM	2	12.20		3.45	84.18	
			SQM				TOTAL(A)	907.35	
		DEDUCTION'S							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		WINDOW W4	SQM	2	0.7		1.65	2.31	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	6	0.6		0.6	2.16	
		DOOR D1	SQM	1	1.50		2.55	3.83	
		DOOR D2	SQM	5	1.20		2.55	15.30	
		DOOR D3	SQM	10	1.00		2.55	25.50	
		DOOR D4	SQM	7	0.80		2.55	14.28	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		50 % DEDUCTION	SQM				TOTAL(B)	-57.10	
		(A+B)					TOTAL(C)	850.25	
			SQM				TOTAL	850.25	
15	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	13.2.2	1:6 (1 cement : 6 sand)							
		WALL	SQM	1	84.60	3.00		253.80	
		DEDUCTION'S					TOTAL(A)	253.80	
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		WINDOW W4	SQM	2	0.70		1.65	2.31	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
		DOOR D1	SQM	1	1.50		2.55	3.83	
		DOOR D2	SQM	5	1.20		2.55	15.30	
		DOOR D3	SQM	5	1.00		2.55	12.75	
							TOTAL (B)	-87.17	
		50 % DEDUCTION		1	0.50	-87.17		-43.59	
			SQM				TOTAL	210.21	
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:							
	12.26.1	In 75x75mm deep chase							
		CHAJJA 1	RM	11		2		24.20	
		CHAJJA 2	RM	1		6		6.10	
		CHAJJA 3	RM	1		4		4.00	
			RM				TOTAL	34.30	
17	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		CHAJJA 1	SQM	11	2.20	0.60		14.52	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM				TOTAL	20.58	
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.							
		CHAJJA 1	RM	11		3.20		35.20	
		CHAJJA 2	RM	1		7.10		7.10	
		CHAJJA 3	RM	1		5.00		5.00	
		Elevation	RM	1		100.00		100.00	
			RM				TOTAL	147.30	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos.	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		600MMx600MM AS PER SPECIFICATION							
		PHYSICAL HANDI TOI	SQM	1	2.30	1.50		3.45	
		TOILET	SQM	1	5.90	2.70		15.93	
		BATH	SQM	1	1.30	1.50		1.95	
		TOILET	SQM	2	2.10	1.70		7.14	
							TOTAL	28.47	
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement : 3 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		Glazed Ceramic wall tiles 300x450 mm							
		PHYSICAL HANDI TOI	SQM	2	2.30		2.55	11.73	
			SQM	2		1.50	2.55	7.65	
		TOILET	SQM	2	5.90		2.55	30.09	
			SQM	2		2.70	2.55	13.77	
		BATH	SQM	2	1.30		2.55	6.83	
			SQM	2		1.50	2.55	7.65	
		TOILET	SQM	2	2.10		2.55	10.71	
			SQM	2		1.70	2.55	8.67	
							TOTAL (A)	96.90	
		DEDUCTION'S							
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	6	0.60		0.60	2.16	
							TOTAL (B)	-3.48	
							TOTAL (A+B)	93.42	
21	11.94	Providing and laying digital print random design (PGVT)(GVT) vitrified tiles in different sizes with water absorption less than 0.05% and conforming to IS: 15622 of approved make in all colours & shades, 1st quality/premium including grouting the joints with white cement and matching pigments etc. complete.							
	11.94.1	for floor glossy/rustic/satin/matt finished laid on 20 mm thick cement mortar 1:4 (1cement:4 sand)							
		(a) Size 600x600 mm thickness 9-10 mm							
		OFFICE	SQM	1	3.60	2.90		10.44	
		ADD 10% SKIRTING	SQM					1.04	
			SQM				TOTAL	11.48	
22	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :							
	11.34.1	25 mm thick (600MM x 600MM)							
		FLOORING							
		COMMON ROOM	SQM	1	3.25	8.60		27.95	
		ROOM	SQM	1	3.25	6.00		19.50	
		SPACE FOR DRYING CLOTHES	SQM	1	3.00	2.70		8.10	
		PHYSICAL HANDI TOI	SQM	1	2.30	1.50		3.45	
		CORRIDOOR	SQM	1	11.00	2.40		26.40	
		KITCHEN - I	SQM	1	3.56	3.30		11.75	
		PANTRY	SQM	1	3.80	1.80		6.84	
		STORE ROOM	SQM	1	3.60	2.30		8.28	
		DINNING HALL	SQM	1	7.25	6.00		43.50	
		ENTRANCE LOBBY	SQM	1	3.40	3.80		12.92	
		KITCHEN - II	SQM	1	3.50	2.40		8.40	
		WASH AREA	SQM	1	3.50	2.10		7.35	
		DRAWING / DINNING	SQM	1	3.50	6.00		21.00	
		BEDROOM - I	SQM	1	3.60	4.20		15.12	
		BEDROOM - II	SQM	1	3.60	2.90		10.44	
		VERANDAH	SQM	1	3.50	4.69		16.42	
							TOTAL (A)	155.77	
		FOR SKIRTING 10% OF FLOORING	SQM					15.58	
							TOTAL (B)	15.58	
		PARAPET TOP							
		PARAPET TOP	SQM	1	35.00	0.25		8.75	
							TOTAL (C)	8.75	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
								TOTAL A+B+C	180.10

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
23	11.43	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.							
		PARAPET TOP							
		PARAPET TOP	RM	1	35.00			35.00	
							TOTAL	35.00	
24	11.46	Providing and fixing Ceramic glazed wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all Colours shades, Except burgundy, Bottle green, Black, laid on 12mm thick bed of Cement Mortar 1:3 (1 Cement : 3 sand) prepared same day when mortar is still green i.e. within 6 hours and jointed with grey cement slurry @3.3 kg per sqm including pointing the joints with white cement and matching pigments etc., complete.							
		DADO TILES (2' HEIGHT)							
		KITCHEN 1	SQM	1	5.70		0.60	3.42	
		PANTRY	SQM	2	1.80		0.60	2.16	
		KITCHEN 2	SQM	1	3.5		0.60	2.10	
			SQM				TOTAL	7.68	
25	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor two level, excluding the cost of centering, shuttering and finishing :							
	4.2.1	With 20mm nominal size graded stone aggregate							
	4.2.1.3	M 15 - Grade concrete							
		DOOR D1	CUM	1	6.6		0.011	0.07	
		DOOR D2	CUM	5	6.3		0.011	0.35	
		DOOR D3	CUM	10	6.1		0.011	0.67	
			CUM				TOTAL	1.09	
26	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete.							
		INTERNAL WALLS AND CEILING						1213.44	
		OUTER WALLS						210.21	
								1423.65	
27	13.47	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade							
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.	SQM					1213.44	
			SQM				TOTAL	1213.44	
28	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:							
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).							
			SQM					210.21	
			SQM				TOTAL	210.21	
29	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :							
	13.68.1	Two or more coats on new work							
		Door & Window Frame							
		QTY B/F FROM ITEM NO. 10.13.2.1	SQM	1	140.40	0.245		34.40	
		STEEL	SQM	1	10.00	10.00		100.00	
		MS GRILL							
		CONSTANT (0.50 X 2 = 1.00)							
		BOTH SIDE							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	2	1.3		1.65	4.29	
		WINDOW W3	SQM	2	1		1.65	3.30	
		WINDOW W4	SQM	2	0.7		1.65	2.31	
			SQM				TOTAL	176.97	
30	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	9.65.1	300x16mm							
		DOOR D1	EACH	1	2.00				2.00
		DOOR D2	EACH	5	2.00				10.00
		DOOR D3	EACH	10	2.00				20.00
		DOOR D4	EACH	7	2.00				14.00
			EACH					TOTAL	46.00
31	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:							
	9.69.1	125mm							
		DOOR D1	EACH	1	2.00				2.00
		DOOR D2	EACH	5	2.00				10.00
		DOOR D3	EACH	10	2.00				20.00
		DOOR D4	EACH	7	2.00				14.00
			EACH					TOTAL	46.00
32	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:							
	9.66.1	250x.10mm							
		DOOR D1	EACH	1	2.00				2.00
		DOOR D2	EACH	5	2.00				10.00
		DOOR D3	EACH	10	2.00				20.00
		DOOR D4	EACH	7	2.00				14.00
			EACH					TOTAL	46.00
33	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.							
	9.114.2	Twin rubber stopper							
		DOOR D1	EACH	1	1.00				1.00
		DOOR D2	EACH	5	1.00				5.00
		DOOR D3	EACH	10	1.00				10.00
		DOOR D4	EACH	7	1.00				7.00
			EACH					TOTAL	23.00
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :							
	9.68.2	250x20x6 mm							
		DOOR D1	EACH	1	1.00				1.00
		DOOR D2	EACH	5	1.00				5.00
		DOOR D3	EACH	10	1.00				10.00
		DOOR D4	EACH	7	1.00				7.00
			EACH					TOTAL	22.00
34	9.95	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS: 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) with double speed adjustment with necessary accessories and screws etc. complete.							
		DOOR D1	EACH	1	2.10				2.10
			EACH					TOTAL	2.10
35	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :							
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.							
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.							
		DUCT	SQM						3.45
		PHYSICAL HANDI. TOI	SQM	1	2.3	1.5			15.93
		TOILET	SQM	1	5.9	2.7			1.95
		BATH	SQM	1	1.3	1.5			7.14
		TOILET	SQM	2	2.1	1.7			28.47
			SQM					TOTAL	28.47
36	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering up to 10 meter height.							
		CHICKEN MESH	SQM	1	10.00	10.00			100.00
			SQM					TOTAL	100.00

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
37	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)							
		RAILING	SQM	4	4.00	1.00			16.00
		STAIRCASE	SQM	2	3.00	1.00			6.00
			SQM				TOTAL		22.00
		3 KG / SQM	KG				TOTAL		66.00
38	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.							
	11.29.1	Area of slab more than 0.50 sqm.							
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other colours or glitter							
		STAIRS 1	SQM	22	1.50	0.30			9.90
		TREADS	SQM	1	1.50	1.50			2.25
		LANDING	SQM				TOTAL		12.15
39	11.28	Granite work gang saw cut, (polished nad machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortar 1:3 (1 cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for seperately).							
	11.28.2	Area of slab less than 0.50 sqm							
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern / crystals of other colours or glitters							
		TOILET DOOR FRAMES	SQM						
		D4	SQM	7	5.90		0.15		6.20
			SQM	7	5.90		0.10		4.13
		STAIRS 1	SQM	22	1.50		0.15		4.95
		RISER	SQM	22	0.40		0.10		0.88
		SKIRTING	SQM				TOTAL		16.16
40	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (pre moulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.							
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black							
		CUPBOARD	SQM	5	1.00	0.70			3.50
			SQM				TOTAL		3.50
	11.22.3	Cuddpah stone							
		CUPBOARD	SQM	30	0.60	0.30			5.40
			SQM				TOTAL		5.40
NON-SOR ITEMS									
	n+1								cell Detail 1 a (n+1)
	n+2								cell Detail 1 a (n+2)
	n+3								cell Detail 1 a (n+3)
	n+n'								cell Detail 1 a (n+n')

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	Signature	Consultants							
	Department		SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN		ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN		EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN		

		FORMAT - E				1	
		(One for each component of each Project Sub Head)		b			
Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
S.No. of Project Sub		1					
Name of Project		HOSTEL BUILDING					
S.No. of Component		b					
Name of Component		Civil Work above Plinth Level					
Abstract Of Cost (Separate for each Sub Head Components in the Project)							
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7	
SOR ITEMS							
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,					
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.					
	5.42.2.1	M-20	CUM	18.96	5856.30	1,11,035.45	
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,					
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab					
	5.42.3.1	M-20	CUM	62.05	6442.20	3,99,738.51	

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs)-shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	11341.40	60.00	6,80,484.00
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				
	6.7.3	having 50 kg / cm ² average compressive strength				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	CUM	58.82	4535.10	2,66,754.58
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.				
	6.15.3	having 50 kg/cm ² average compressive strength				
	6.15.3.2	Cement mortar 1 : 4 (1 cement : 4 sand)	SQM	140.46	543.60	76,354.06
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM	140.46	114.30	16,054.58
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion.				
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	518.10	339.30	1,75,791.33

S.N o.	SOR ITEM NO.	Description Of Item	Unit 4	Quantity 5	Rate 6	Amount 7
1	2	3				
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).				
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	414.48	382.50	1,58,538.60
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S: pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge				
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm				
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.	MTR	96.80	388.26	37,583.57
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or				
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	SQM	185.64	3482.10	6,46,417.04
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and				
	21.3.1	With float glass panes of 4.0 mm thickness	SQM	51.81	764.10	39,588.02
10	21.4	Add extra for providing and fixing froasted glass instead of float glass				

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	21.4.1	With glass panes of 4.0 mm thickness	SQM	5.28	233.10	1,230.77
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	9.43.1	Fixed to steel windows by welding.	KG.	1036.20	81.90	84,864.78
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.	EACH	16.00	133.56	2,136.96
13	13.8	6 mm cement plaster of mix :				
	13.8.1	1:3 (1 cement: 3 sand)	SQM	299.61	86.40	25,886.30
14	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	705.75	99.00	69,868.76
15	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement : 6 sand)	SQM	218.46	115.20	25,166.59
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:				
	12.26.1	In 75x75mm deep chase	Rm	36.50	89.10	3,252.15
17	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	21.90	99.00	2,168.10
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	Rm	150.50	16.65	2,505.83
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.				
		600MMx600MM AS PER SPECIFICATION	SQM.	15.93	589.50	9,390.74

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement: 3 sand) including pointing the joints with white cement and matching pigments etc., complete.	SQM.	38.58	644.40	24,860.95
21	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :				
	11.34.1	25 mm thick.	SQM.	248.13	688.50	1,70,838.88
22	11.43	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	RM	35.00	35.10	1,228.50
23	11.13	Crazy marble stone flooring, including filling the gaps with light shade pigment with white cement marble powder mixture (3 parts of white cement : 1 part of marble powder) by weight in proportion of 4:7 (4 cement marble powder mix : 7 white, black or white and black marble chips of sizes from 1mm to 4mm nominal size by volume), with under layer 25mm thick cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 12.5 mm nominal size), including rubbing, polishing and cement slurry etc. complete :				
	11.13.1	18 mm thick crazy marble stone white, black or as specified	SQM	37.96	759.60	28,834.42
24	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor two level, excluding the cost of centering, shuttering and finishing :				
	4.2.1	With 20mm nominal size graded stone aggregate				
	4.2.1.3	M 15 - Grade concrete	CUM	0.68	4242.60	2,884.97

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
25	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.	SQM	1223.82	66.60	81,506.08
26	13.47	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade				
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.	SQM	1005.36	54.00	54,289.17
27	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade.				
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	SQM	218.46	78.30	17,105.42
28	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	13.68.1	Two or more coats on new work	SQM	161.01	47.70	7,680.18
29	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:				
	9.65.1	300x16mm	EACH	32.00	350.10	11,203.20
30	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:				
	9.69.1	125mm	EACH	32.00	54.00	1,728.00
31	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:				
	9.66.1	250x.10mm	EACH	32.00	133.20	4,262.40
32	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transpa-rent or dyed to required colour and shade with necessary screws etc. complete.				
	9.114.2	Twin rubber stopper	EACH	16.00	77.40	1,238.40

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :				
	9.68.2	250x20x6 mm	EACH	16.00	155.70	2,491.20
33	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :				
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.				
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	SQM	15.93	186.30	2,967.76
34	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering upt 10 meter height..				
			SQM	50.00	55.80	2,790.00
35	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing	KG	66.00	714.38	47,149.08

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
36	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.				
	11.29.1	Area of slab more than 0.50 sqm.				
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other colours or glitter	SQM	12.15	2142.00	26,025.30
37	11.28	Granite work gang saw cut, (polished and machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortar 1:3 (1cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for seperately).				
	11.28.2	Area of slab less than 0.50 sqm				
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern / crystals of other colours or glitters.	SQM	14.68	2254.50	33,096.06
38	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.				
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black	SQM	6.48	1617.30	10,480.10
	11.22.3	Cuddpah stone	SQM	6.48	1151.10	7,459.13
						33,74,929.92
NON-SOR ITEMS						
n+n'			cell Detail 1 a (n+n')			
TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						33,74,930.00
Signature	Consultants					
	Department					
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN						FORMAT - F	b	1
S.No. of Project Sub		1								
Name of Project Sub		HOSTEL BUILDING								
S.No. of Component :-		b								
Name of Component :-		Civil Work above Plinth Level								
Quantity Sheet										
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark	
1	2	3	4	5	6	7	8	9	10	
SOR ITEMS										
FIRST FLOOR										
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyer belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only.(Note: Design mix shall have minimum cement content shall be 325								
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.								
	5.42.2.1	M-20								
		Column C1 (300MM X 600MM)	CUM	12	0.30	0.60	3.00	6.48		
		Column C2 (300MM X 500MM)	CUM	16	0.30	0.50	3.00	7.20		
		Column C3 (300MM X 400MM)	CUM	1	0.30	0.40	3.00	0.36		
		Column C4 (300MM X 300MM)	CUM	2	0.30	0.30	0.90	0.16		
		Column C3.1 (300MM X 400MM)	CUM	3	0.30	0.40	0.90	0.32		
		Lift Wall	CUM	1	11.00	0.15	3.00	4.95		
		lift door	CUM	-1	1.00	0.20	2.55	-0.51		
			CUM				TOTAL	18.96		
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyer belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only. (Note: Design mix shall have minimum cement content								
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab								
	5.42.3.1	M-20								
		BEAMS								
		X - Dic								
		BEAMS	CUM	10	3.45	0.20	0.50	3.45		
		BEAMS	CUM	7	3.50	0.20	0.50	2.45		
		BEAMS	CUM	7	3.35	0.20	0.50	2.35		
		BEAMS	CUM	7	3.50	0.20	0.50	2.45		
		BEAMS	CUM	1	3.00	0.20	0.50	0.30		
		BEAMS	CUM	2	1.40	0.20	0.50	0.28		
		BEAMS	CUM	2	5.40	0.20	0.50	1.08		
		BEAMS	CUM	3	3.40	0.20	0.50	1.02		
		BEAMS	CUM	1	2.05	0.20	0.50	0.21		
		Y - Dic								
		BEAMS	CUM	3	5.80	0.20	0.50	1.74		
		BEAMS	CUM	2	2.75	0.20	0.50	0.55		
		BEAMS	CUM	1	2.35	0.20	0.50	0.24		
		BEAMS	CUM	1	1.95	0.20	0.50	0.20		
		BEAMS	CUM	3	4.30	0.20	0.50	1.29		
		BEAMS	CUM	1	3.80	0.20	0.50	0.38		

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		DEDUCTION'S							
		WINDOW W1	CUM	10	1.80	0.20	1.65	5.94	
		WINDOW W2	CUM	4	1.30	0.20	1.65	1.72	
		WINDOW W3	CUM	5	1.00	0.20	1.65	1.65	
		VENTILATOR V1	CUM	1.00	2.20	0.20	0.60	0.26	
		VENTILATOR V2	CUM	11.00	0.60	0.20	0.60	0.79	
		DOOR D2	CUM	2.00	1.20	0.20	2.55	1.22	
		DOOR D3	CUM	8.00	1.00	0.20	2.55	4.08	
		TOTAL (C)						-15.66	
		TOTAL (A+B+C)						58.82	
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894. In super structure above plinth and upto floor two level.							
	6.15.3	having 50 kg/cm ² average compressive strength							
	6.15.3.2	Cement mortar 1:4 (1 cement : 4 sand)							
		WALL	SQM	4	8.90		3.00	106.80	
		WALL	SQM	6	1.70		2.55	26.01	
		WALL	SQM	1	3.60		2.55	9.18	
		WALL	SQM	1	4.20		2.55	10.71	
		DEDUCTION'S							
		D4	SQM	6	0.80		2.55	-12.24	
		TOTAL						140.46	
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM					140.46	
		TOTAL	SQM					140.46	
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :							
	21.1.1	For fixed portion.							
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	10	1.8		1.65	29.70	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	11	0.6		0.6	3.96	
		10 KG/SQM	KG				TOTAL WINDOW AREA	51.81	
		TOTAL	SQM				TOTAL	518.10	
		TOTAL	SQM				TOTAL	518.10	
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber I neoprene gasket required (Fittings shall be paid for separately).							
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	10	1.80		1.65	29.70	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
		8 KG/SQM	KG				TOTAL WINDOW AREA	51.81	
		TOTAL	SQM				TOTAL	414.48	
		TOTAL	SQM				TOTAL	414.48	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge							
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm							
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.							
		DOOR D2	MTR	2	6.30				12.60
		DOOR D3	MTR	8	6.10				48.80
							TOTAL		96.80
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make.							
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.							
		DOOR 'S SHUTTER							
		DOOR D2	SQM	2.00	2.00		2.55		10.20
		DOOR D3	SQM	8.00	8.00		2.55		163.20
		DOOR D4	SQM	6.00	0.80		2.55		12.24
			SQM				TOTAL		185.64
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :							
	21.3.1	With float glass panes of 4.0 mm thickness							
		WINDOW W1	SQM	10	1.80		1.65		29.70
		WINDOW W2	SQM	4	1.30		1.65		8.58
		WINDOW W3	SQM	5	1.00		1.65		8.25
		VENTILATOR V1	SQM	1	2.20		0.60		1.32
		VENTILATOR V2	SQM	11	0.60		0.60		3.96
			SQM				TOTAL		51.81
10	21.4	Add extra for providing and fixing froasted glass instead of float glass							
	21.4.1	With glass panes of 4.0 mm thickness							
		VENTILATOR V1	SQM	1	2.20		0.60		1.32
		VENTILATOR V2	SQM	11	0.60		0.60		3.96
							TOTAL		5.28
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.							
	9.43.1	Fixed to steel windows by welding.							
		WINDOW W1	SQM	10	1.80		1.65		29.70
		WINDOW W2	SQM	4	1.30		1.65		8.58
		WINDOW W3	SQM	5	1.00		1.65		8.25
		VENTILATOR V1	SQM	1	2.20		0.60		1.32
		VENTILATOR V2	SQM	11	0.60		0.60		3.96
			SQM				TOTAL		51.81
		Frames @ 20Kg/ Sq.m.	KG.				TOTAL		1036.20
			SQM				TOTAL		1036.20

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.	EACH	16				16.00	
			EACH				TOTAL	16.00	
13	13.8	6 mm cement plaster of mix :							
	13.8.1	1:3 (1 cement: 3 sand)							
		Roof Slab 130 mm							
		ROOM	SQM	8	3.25	6.00		156.00	
		SPACE FOR DRYING CLOTHES	SQM	1	3.00	2.70		8.10	
		TOILET	SQM	1	5.90	2.70		15.93	
		CORRIDOOR	SQM	1	22.30	2.40		53.52	
		BEAM	SQM	1	0.1	160.69		16.07	
							TOTAL (A)	249.62	
		Weather Shade							
		CHAJJA 1	SQM	12	2.20	0.60		15.84	
			SQM	24	2.20		0.10	5.28	
			SQM	12		0.60	0.10	0.72	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
			SQM	2	6.10		0.10	1.22	
			SQM	1		0.60	0.10	0.06	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM	2	4.00		0.10	0.80	
			SQM	1		0.60	0.10	0.06	
			SQM				TOTAL (B)	30.04	
		STAIR 1							
		FLIGHT	SQM	2	3.75	1.50		11.25	
		STEPS	SQM	22	1.50	0.15		4.95	
		FLIGHT SIDES	SQM	2	3.75	0.50		3.75	
							TOTAL (C)	19.95	
		(A+B+C)	SQM				TOTAL	299.61	
			SQM				TOTAL	299.61	
14	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		X - DIRECTION							
		WALL	SQM	3	19.00		3.45	196.65	
		WALL	SQM	3	4.30		3.45	44.51	
		WALL	SQM	4	5.60		3.45	77.28	
		WALL	SQM	2	7.00		3.45	48.30	
		WALL	SQM	4	1.20		3.45	16.56	
		WALL	SQM	2	4.70		3.45	32.43	
		WALL	SQM	3	8.20		0.90	22.14	
		Y - DIRECTION							
		WALL	SQM	2	12.00		3.45	82.80	
		WALL	SQM	3	4.20		3.45	43.47	
		WALL	SQM	3	3.20		3.45	33.12	
		WALL	SQM	1	4.40		3.45	15.18	
		WALL	SQM	1	2.40		3.45	8.28	
		WALL	SQM	5	4.50		3.45	77.63	
		WALL	SQM	4	2.30		3.45	31.74	
		WALL	SQM	2	12.20		0.90	21.96	
			SQM				TOTAL(A)	752.05	
		DEDUCTION'S							
		WINDOW W1	SQM	10	1.8		1.65	29.70	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	11	0.6		0.6	3.96	
		DOOR D2	SQM	2	1.20		2.55	6.12	
		DOOR D3	SQM	8	1.00		2.55	20.40	
		DOOR D4	SQM	7	0.80		2.55	14.28	
		50 % DEDUCTION	SQM				TOTAL(B)	-46.31	
		(A+B)					TOTAL(C)	705.75	
			SQM				TOTAL	705.75	
15	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	13.2.2	1:6 (1 cement : 6 sand)							
		WALL	SQM	1	84.60	3.00		253.80	
							TOTAL(A)	253.80	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		DEDUCTION'S							
		WINDOW W1	SQM	10	1.80		1.65	29.70	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
		DOOR D2	SQM	2	1.20		2.55	6.12	
		DOOR D3	SQM	5	1.00		2.55	12.75	
							TOTAL (B)	-70.68	
		50 % DEDUCTION		1	0.50	-70.68		-35.34	
			SQM				TOTAL	218.46	
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:							
	12.26.1	In 75x75mm deep chase							
		CHAJJA 1	RM	12	2			26.40	
		CHAJJA 2	RM	1	6			6.10	
		CHAJJA 3	RM	1	4			4.00	
			RM				TOTAL	36.50	
17	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		CHAJJA 1	SQM	12	2.20	0.60		15.84	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM				TOTAL	21.90	
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.							
		CHAJJA 1	RM	12	3.20			38.40	
		CHAJJA 2	RM	1	7.10			7.10	
		CHAJJA 3	RM	1	5.00			5.00	
		Elevation	RM	1	100.00			100.00	
			RM				TOTAL	150.50	
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		600MMx600MM AS PER SPECIFICATION							
		TOILET	SQM	1	5.90	2.70		15.93	
							TOTAL	15.93	
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement: 3 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		Glazed Ceramic wall tiles 300x450 mm							
		TOILET	SQM	2	5.90		2.55	30.09	
			SQM	2		2.70	2.55	13.77	
							TOTAL (A)	43.86	
		DEDUCTION'S							
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
							TOTAL (B)	-5.28	
							TOTAL (A+B)	38.58	
21	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :							
	11.34.1	25 mm thick. (600MM x 600MM)							
		FLOORING							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			SQM				TOTAL	218.46	
28	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :							
	13.68.1	Two or more coats on new work							
		Door & Window Frame							
		QTY B/F FROM ITEM NO. 10.13.2.1	SQM	1	96.80	0.245		23.72	
		STEEL	SQM	1	10.00	10.00		100.00	
		MS GRILL							
		CONSTANT (0.50 X 2 = 1.00)							
		BOTH SIDE							
		WINDOW W1	SQM	10	1.8		1.65	29.70	
		WINDOW W2	SQM	2	1.3		1.65	4.29	
		WINDOW W3	SQM	2	1		1.65	3.30	
			SQM				TOTAL	161.01	
29	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:							
	9.65.1	300x16mm							
		DOOR D2	EACH	2	2.00			4.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	
			EACH				TOTAL	32.00	
30	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:							
	9.69.1	125mm							
		DOOR D2	EACH	2	2.00			4.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	
			EACH				TOTAL	32.00	
31	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:							
	9.66.1	250x.10mm							
		DOOR D2	EACH	2	2.00			4.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	
			EACH				TOTAL	32.00	
32	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.							
	9.114.2	Twin rubber stopper							
		DOOR D2	EACH	2	1.00			2.00	
		DOOR D3	EACH	8	1.00			8.00	
		DOOR D4	EACH	6	1.00			6.00	
			EACH				TOTAL	16.00	
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :							
	9.68.2	250x20x6 mm							
		Twin rubber stopper							
		DOOR D2	EACH	2	1.00			2.00	
		DOOR D3	EACH	8	1.00			8.00	
		DOOR D4	EACH	6	1.00			6.00	
			EACH				TOTAL	16.00	
33	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :							
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.							
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions.							
		DUCT	SQM						
		TOILET	SQM	1	5.9	2.7		15.93	
			SQM				TOTAL	15.93	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
34	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering up to 10 meter height.							
		CHICKEN MESH	SQM	1	5.00	10.00		50.00	
			SQM				TOTAL	50.00	
35	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.)							
		RAILING	SQM	4	4.00	1.00		16.00	
		STAIRCASE	SQM	2	3.00	1.00		6.00	
			SQM				TOTAL	22.00	
		3 KG / SQM	KG				TOTAL	66.00	
36	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.							
	11.29.1	Area of slab more than 0.50 sqm.							
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other colours or glitter							
		STAIRS 1							
		TREADS	SQM	22	1.50	0.30		9.90	
		LANDING	SQM	1	1.50	1.50		2.25	
			SQM				TOTAL	12.15	
37	11.28	Granite work gang saw cut, (polished nad machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortar 1:3 (1 cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for separately).							
	11.28.2	Area of slab less than 0.50 sqm.							
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern/ crystals of other colours or glitters							
		TOILET DOOR FRAMES	SQM						
		D4	SQM	6	5.90		0.15	5.31	
			SQM	6	5.90		0.10	3.54	
		STAIRS 1							
		RISER	SQM	22	1.50		0.15	4.95	
		SKIRTING	SQM	22	0.40		0.10	0.88	
			SQM				TOTAL	14.68	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
38	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.							
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black CUPBOARD	SQM	12	0.60	0.90		6.48	
			SQM				TOTAL	6.48	
	11.22.3	Cuddpah stone CUPBOARD	SQM	12	0.60	0.90		6.48	
			SQM				TOTAL	6.48	
NON-SOR ITEMS									
n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n+n'								cell Detail 1 a (n+n')	
	Signature	Consultants							
		Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UDAJAIN			ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UDAJAIN		EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UDAJAIN	

FORMAT - E							1
(One for each component of each Project Sub Head)							b
Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN						
S.No. of Project Sub	1						
Name of Project	HOSTEL BUILDING						
S.No. of Component	b						
Name of Component	Civil Work above Plinth Level						
Abstract Of Cost							
(Separate for each Sub Head Components in the Project)							
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7	
SOR ITEMS							
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,					
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.					
	5.42.2.1	M-20	CUM	18.48	5856.30	1,08,224.42	
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,					
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab					
	5.42.3.1	M-20	CUM	62.07	6442.20	3,99,867.35	

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				0.00
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	11277.00	60.00	6,76,620.00
						0.00
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				0.00
	6.7.3	having 50 kg / cm2 average compressive strength	CUM	58.84	4535.10	2,66,845.28
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.				
	6.15.3	having 50 kg/cm2 average compressive strength				
	6.15.3.2	Cement mortar 1 : 4 (1 cement : 4 sand)	SQM	140.46	543.60	76,354.06
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM	140.46	114.30	16,054.58
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.1	For fixed portion.				
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	547.80	339.30	1,85,868.54
						0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber I neoprene gasket required (Fittings shall be paid for separately).				
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	438.24	382.50	1,67,626.80
						0.00
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge				
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm				
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.	MTR	90.50	388.26	35,137.53
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or				
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.	SQM	180.03	3482.10	6,26,882.46
						0.00
9	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and				0.00
	21.3.1	With float glass panes of 4.0 mm thickness	SQM	54.78	764.10	41,857.40
10	21.4	Add extra for providing and fixing froasted glass instead of float glass				0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	21.4.1	With glass panes of 4.0 mm thickness	SQM	5.28	233.10	1,230.77
						0.00
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				0.00
	9.43.1	Fixed to steel windows by welding.	KG.	1095.60	81.90	89,729.64
						0.00
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.	EACH	16.00	133.56	2,136.96
						0.00
13	13.8	6 mm cement plaster of mix :				0.00
	13.8.1	1:3 (1 cement: 3 sand)	SQM	299.61	86.40	25,886.30
						0.00
4	13.1	12 mm cement plaster of mix :				0.00
	13.1.2	1:6 (1 cement: 6 sand)	SQM.	705.79	99.00	69,873.21
						0.00
15	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				0.00
	13.2.2	1:6 (1 cement: 6 sand)	SQM	218.50	115.20	25,171.20
						0.00
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:				0.00
	12.26.1	In 75x75mm deep chase	Rm	36.50	89.10	3,252.15
						0.00
17	13.1	12 mm cement plaster of mix :				0.00
	13.1.2	1:6 (1 cement: 6 sand)	SQM.	21.90	99.00	2,168.10
						0.00
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	Rm	150.50	16.65	2,505.83
						0.00
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.				
		600MMx600MM AS PER SPECIFICATION	SQM.	15.93	589.50	9,390.74
						0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement: 3 sand) including pointing the joints with white cement and matching pigments etc., complete.	SQM.	38.58	644.40	24,860.95
						0.00
21	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :				0.00
	11.34.1	25 mm thick.	SQM.	248.13	688.50	1,70,838.88
						0.00
22	11.43	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	RM	35.00	35.10	1,228.50
23	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor two level, excluding the cost of centering, shuttering and finishing :				0.00
	4.2.1	With 20mm nominal size graded stone aggregate				
	4.2.1.3	M 15 - Grade concrete	CUM	0.61	4242.60	2,587.99
						0.00
24	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth etc all cost of material, labour and scaffold etc in all position complete.	SQM	1223.90	66.60	81,511.74
						0.00
25	13.47	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				0.00
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.	SQM	1005.40	54.00	54,291.60
						0.00
26	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:				0.00
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	SQM	218.50	78.30	17,108.55

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
						0.00
27	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				0.00
	13.68.1	Two or more coats on new work	SQM	162.43	47.70	7,747.91
						0.00
28	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:				0.00
	9.65.1	300x16mm	EACH	30.00	350.10	10,503.00
						0.00
29	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:				0.00
	9.69.1	125mm	EACH	30.00	54.00	1,620.00
						0.00
30	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:				0.00
	9.66.1	250x.10mm	EACH	30.00	133.20	3,996.00
						0.00
31	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.				0.00
	9.114.2	Twin rubber stopper	EACH	15.00	77.40	1,161.00
						0.00
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :				0.00
	9.68.2	250x20x6 mm	EACH	16.00	155.70	2,491.20
						0.00
32	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :				0.00
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.				0.00
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of	SQM	15.93	186.30	2,967.76

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
33	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering upt 10 meter height..				0.00
			SQM	50.00	55.80	2,790.00
34	10.22	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.	KG	66.00	714.38	47,149.08
35	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.				0.00
	11.29.1	Area of slab more than 0.50 sqm. .				
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other ccolours or glitter	SQM	12.15	2142.00	26,025.30
36	11.28	Granite work gang saw cut, (polished nad machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortatr 1:3 (1cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for seperately).				
	11.28.2	Area of slab less than 0.50 sqm				
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern / crystals of other colours or glitters	SQM	14.68	2254.50	33,096.06
						0.00
37	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.				

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black	SQM	6.48	1617.30	10,480.10
	11.22.3	Cuddpah stone	SQM	6.48	1151.10	7,459.13
						33,42,598.07
NON-SOR ITEMS						
n+n'			cell Detail 1 a (n+n')			
TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						33,42,598.00
Signature	Consultants		<p style="text-align: center;"> <small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small> </p> <p style="text-align: center;"> <small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small> </p> <p style="text-align: center;"> <small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small> </p>			
	Department					

Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN							FORMAT - F	b	1
S.No. of Project Sub		1									
Name of Project Sub		HOSTEL BUILDING									
S.No. of Component :-		b									
Name of Component :-		Civil Work above Plinth Level									
Quantity Sheet											
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark		
1	2	3	4	5	6	7	8	9	10		
SOR ITEMS											
SECOND FLOOR											
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only.(Note: Design mix shall have minimum cement content shall be 325									
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.									
	5.42.2.1	M-20									
		Column C1 (300MM X 600MM)	CUM	12	0.30	0.60	3.00	6.48			
		Column C2 (300MM X 500MM)	CUM	16	0.30	0.50	3.00	7.20			
		Column C3 (300MM X 400MM)	CUM	1	0.30	0.40	3.00	0.36			
		Lift Wall	CUM	1	11.00	0.15	3.00	4.95			
		lift door	CUM	-1	1.00	0.20	2.55	-0.51			
			CUM				TOTAL	18.48			
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only. (Note: Design mix shall have minimum cement content									
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab									
	5.42.3.1	M-20									
		BEAMS									
		X - Dic									
		BEAMS	CUM	10	3.45	0.20	0.50	3.45			
		BEAMS	CUM	7	3.50	0.20	0.50	2.45			
		BEAMS	CUM	7	3.35	0.20	0.50	2.35			
		BEAMS	CUM	7	3.50	0.20	0.50	2.45			
		BEAMS	CUM	1	3.00	0.20	0.50	0.30			
		BEAMS	CUM	2	1.40	0.20	0.50	0.28			
		BEAMS	CUM	2	5.40	0.20	0.50	1.08			
		BEAMS	CUM	3	3.40	0.20	0.50	1.02			
		BEAMS	CUM	1	2.05	0.20	0.50	0.21			
		Y - Dic									
		BEAMS	CUM	3	5.80	0.20	0.50	1.74			
		BEAMS	CUM	2	2.75	0.20	0.50	0.55			
		BEAMS	CUM	1	2.35	0.20	0.50	0.24			
		BEAMS	CUM	1	1.95	0.20	0.50	0.20			
		BEAMS	CUM	3	4.30	0.20	0.50	1.29			
		BEAMS	CUM	1	3.80	0.20	0.50	0.38			
		BEAMS	CUM	8	2.10	0.20	0.50	1.68			
		BEAMS	CUM	1	4.30	0.20	0.50	0.43			

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		WINDOW W1	CUM	11	1.80	0.20	1.65	6.53	
		WINDOW W2	CUM	4	1.30	0.20	1.65	1.72	
		WINDOW W3	CUM	5	1.00	0.20	1.65	1.65	
		VENTILATOR V1	CUM	1.00	2.20	0.20	0.60	0.26	
		VENTILATOR V2	CUM	11.00	0.60	0.20	0.60	0.79	
		DOOR D2	CUM	1.00	1.20	0.20	2.55	0.61	
		DOOR D3	CUM	8.00	1.00	0.20	2.55	4.08	
							TOTAL (C)	-15.64	
							TOTAL (A+B+C)	58.84	
5	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.							
	6.15.3	having 50 kg/cm ² average compressive strength							
	6.15.3.2	Cement mortar 1 : 4 (1 cement : 4 sand)							
		WALL	SQM	4	8.90		3.00	106.80	
		WALL	SQM	6	1.70		2.55	26.01	
		WALL	SQM	1	3.60		2.55	9.18	
		WALL	SQM	1	4.20		2.55	10.71	
		DEDUCTION'S							
		D4	SQM	6	0.80		2.55	-12.24	
							TOTAL	140.46	
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM					140.46	
			SQM				TOTAL	140.46	
6	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :							
	21.1.1	For fixed portion.							
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	11	0.6		0.6	3.96	
			SQM				TOTAL WINDOW AREA	54.78	
		10 KG/SQM	KG				TOTAL	547.80	
			SQM				TOTAL	547.80	
	21.1.2	For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).							
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
			SQM				TOTAL WINDOW AREA	54.78	
		8 KG/SQM	KG				TOTAL	438.24	
			SQM				TOTAL	438.24	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
7	10.13	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm thick with mortar guards, lock strike-plate and shock absorbers as specified filling the frame with Cement Concrete 1:3:6 at site before fixing (cost of concrete to be paid separately) and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge							
	10.13.2	Profile C of 1.60mm thick single rebate of size 100mmx.50mm							
	10.13.2.1	Fixing with adjustable lugs with split end tail to each jamb.							
		DOOR D2	MTR	1	6.30			6.30	
		DOOR D3	MTR	8	6.10			48.80	
								TOTAL	90.50
8	9.18	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters of such as duro board, century or equivalent make.							
	9.18.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.							
		DOOR 'S SHUTTER							
		DOOR D2	SQM	1.00	1.00		2.55	2.55	
		DOOR D3	SQM	8.00	8.00		2.55	163.20	
		DOOR D4	SQM	7.00	0.80		2.55	14.28	
			SQM				TOTAL	180.03	
9	21.3	Providing and fixing glazing in aluminium door. window. ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :							
	21.3.1	With float glass panes of 4.0 mm thickness							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
			SQM				TOTAL	54.78	
10	21.4	Add extra for providing and fixing froasted glass instead of float glass							
	21.4.1	With glass panes of 4.0 mm thickness							
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
							TOTAL	5.28	
11	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.							
	9.43.1	Fixed to steel windows by welding.							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	
			SQM				TOTAL	54.78	
		Frames @ 20Kg/ Sq.m.	KG.				TOTAL	1095.60	
			SQM				TOTAL	1095.60	
12	10.17	Providing and fixing circular/ Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/ M.S. sheet box by means of 3.3mm dia.							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			EACH	16				16.00	
			EACH				TOTAL	16.00	
13	13.8	6 mm cement plaster of mix :							
	13.8.1	1:3 (1 cement: 3 sand)							
		Roof Slab 130 mm							
		ROOM	SQM	8	3.25	6.00		156.00	
		SPACE FOR DRYING CLOTHES	SQM	1	3.00	2.70		8.10	
		TOILET	SQM	1	5.90	2.70		15.93	
		CORRIDOOR	SQM	1	22.30	2.40		53.52	
		BEAM	SQM	1	0.1	160.69		16.07	
							TOTAL (A)	249.62	
		Weather Shade							
		CHAJJA 1	SQM	12	2.20	0.60		15.84	
			SQM	24	2.20		0.10	5.28	
			SQM	12		0.60	0.10	0.72	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
			SQM	2	6.10		0.10	1.22	
			SQM	1		0.60	0.10	0.06	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM	2	4.00		0.10	0.80	
			SQM	1		0.60	0.10	0.06	
							TOTAL (B)	30.04	
		STAIR 1							
		FLIGHT	SQM	2	3.75	1.50		11.25	
		STEPS	SQM	22	1.50	0.15		4.95	
		FLIGHT SIDES	SQM	2	3.75	0.50		3.75	
							TOTAL (C)	19.95	
		(A+B+C)	SQM				TOTAL	299.61	
			SQM				TOTAL	299.61	
14	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		X - DIRECTION							
		WALL	SQM	3	19.00		3.45	196.65	
		WALL	SQM	3	4.30		3.45	44.51	
		WALL	SQM	4	5.60		3.45	77.28	
		WALL	SQM	2	7.00		3.45	48.30	
		WALL	SQM	4	1.20		3.45	16.56	
		WALL	SQM	2	4.70		3.45	32.43	
		WALL	SQM	3	8.20		0.90	22.14	
		Y - DIRECTION							
		WALL	SQM	2	12.00		3.45	82.80	
		WALL	SQM	3	4.20		3.45	43.47	
		WALL	SQM	3	3.20		3.45	33.12	
		WALL	SQM	1	4.40		3.45	15.18	
		WALL	SQM	1	2.40		3.45	8.28	
		WALL	SQM	5	4.50		3.45	77.63	
		WALL	SQM	4	2.30		3.45	31.74	
		WALL	SQM	2	12.20		0.90	21.96	
			SQM				TOTAL(A)	752.05	
		DEDUCTION'S							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	4	1.3		1.65	8.58	
		WINDOW W3	SQM	5	1		1.65	8.25	
		VENTILATOR V1	SQM	1	2.2		0.6	1.32	
		VENTILATOR V2	SQM	11	0.6		0.6	3.96	
		DOOR D2	SQM	1	1.20		2.55	3.06	
		DOOR D3	SQM	8	1.00		2.55	20.40	
		DOOR D4	SQM	7	0.80		2.55	14.28	
		50 % DEDUCTION	SQM				TOTAL(B)	-46.26	
		(A+B)					TOTAL(C)	705.79	
			SQM				TOTAL	705.79	
15	13.2	15 mm cement plaster on the rough side of single or							
	13.2.2	half brick wall of mix :							
		1:6 (1 cement : 6 sand)							
		WALL	SQM	1	84.60	3.00		253.80	
							TOTAL(A)	253.80	
		DEDUCTION'S							
		WINDOW W1	SQM	11	1.80		1.65	32.67	
		WINDOW W2	SQM	4	1.30		1.65	8.58	
		WINDOW W3	SQM	5	1.00		1.65	8.25	
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V2	SQM	11	0.60		0.60	3.96	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		DOOR D2	SQM	1	1.20		2.55	3.06	
		DOOR D3	SQM	5	1.00		2.55	12.75	
							TOTAL (B)	-70.59	
		50 % DEDUCTION		1	0.50	-70.59		-35.30	
			SQM				TOTAL	218.50	
16	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:							
	12.26.1	In 75x75mm deep chase							
		CHAJJA 1	RM	12	2			26.40	
		CHAJJA 2	RM	1	6			6.10	
		CHAJJA 3	RM	1	4			4.00	
			RM				TOTAL	36.50	
17	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		CHAJJA 1	SQM	12	2.20	0.60		15.84	
		CHAJJA 2	SQM	1	6.10	0.60		3.66	
		CHAJJA 3	SQM	1	4.00	0.60		2.40	
			SQM				TOTAL	21.90	
18	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.							
		CHAJJA 1	RM	12	3.20			38.40	
		CHAJJA 2	RM	1	7.10			7.10	
		CHAJJA 3	RM	1	5.00			5.00	
		Elevation	RM	1	100.00			100.00	
			RM				TOTAL	150.50	
19	11.51	Providing and laying rectified Glazed Ceramic floor tiles 300x300 mm or more (having thickness 9 to 10mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		600MMx600MM AS PER SPECIFICATION							
		TOILET	SQM	1	5.90	2.70		15.93	
							TOTAL	15.93	
20	11.46	Providing and laying rectified Glazed Ceramic wall tiles 300x450 mm or more (having thickness 6 to 7 mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 12 mm thick Cement Mortar 1:3 (1 Cement: 3 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		Glazed Ceramic wall tiles 300x450 mm							
		TOILET	SQM	2	5.90		2.55	30.09	
			SQM	2		2.70	2.55	13.77	
							TOTAL (A)	43.86	
		DEDUCTION'S							
		VENTILATOR V1	SQM	1	2.20		0.60	1.32	
		VENTILATOR V/2	SQM	11	0.60		0.60	3.96	
							TOTAL (B)	-5.28	
							TOTAL (A+B)	38.58	
21	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :							
	11.34.1	25 mm thick.							
		(600MM x 600MM)							
		FLOORING							
		ROOM	SQM	8	3.25	6.00		156.00	
		SPACE FOR DRYING CLOTHES	SQM	1	3.00	2.70		8.10	
		CORRIDOOR	SQM	1	22.30	2.40		53.52	
							TOTAL (A)	217.62	
		FOR SKIRTING 10% OF FLOORING	SQM					21.76	
							TOTAL (B)	21.76	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		PARAPET TOP							
		PARAPET TOP		1	35.00	0.25		8.75	
			SQM					TOTAL (C)	8.75
								TOTAL A+B+C	248.13
22	11.43	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.							
		PARAPET TOP							
		PARAPET TOP	RM	1	35.00			35.00	
								TOTAL	35.00
23	4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor two level, excluding the cost of centering, shuttering and finishing :							
	4.2.1	With 20mm nominal size graded stone aggregate							
	4.2.1.3	M 15 - Grade concrete							
		DOOR D2	CUM	1	6.3		0.011	0.07	
		DOOR D3	CUM	8	6.1		0.011	0.54	
								TOTAL	0.61
24	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like bira white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth in all cost of material, labour and scaffold etc in all position complete.							
		INTERNAL WALLS AND CEILING						1005.40	
		OUTER WALLS						218.50	
								1223.90	
25	13.47	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade							
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.							
			SQM					1005.40	
			SQM					TOTAL	1005.40
26	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:							
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).							
			SQM					218.50	
			SQM					TOTAL	218.50
27	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :							
	13.68.1	Two or more coats on new work							
		Door & Window Frame							
		QTY B/F FROM ITEM NO. 10.13.2.1	SQM	1	90.50	0.245		22.17	
		STEEL	SQM	1	10.00	10.00		100.00	
		MS GRILL							
		CONSTANT (0.50 X 2 = 1.00)							
		COTH SIDE							
		WINDOW W1	SQM	11	1.8		1.65	32.67	
		WINDOW W2	SQM	2	1.3		1.65	4.29	
		WINDOW W3	SQM	2	1		1.65	3.30	
			SQM					TOTAL	162.43
28	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:							
	9.65.1	300x16mm							
		DOOR D2	EACH	1	2.00			2.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			EACH				TOTAL	30.00	
29	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:							
	9.69.1	125mm							
		DOOR D2	EACH	1	2.00			2.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	
			EACH				TOTAL	30.00	
30	9.66	Providing and fixing ISI marked stainless steel tower bolt black finish, (Barrel type) with necessary screws etc. complete:							
	9.66.1	250x.10mm							
		DOOR D2	EACH	1	2.00			2.00	
		DOOR D3	EACH	8	2.00			16.00	
		DOOR D4	EACH	6	2.00			12.00	
			EACH				TOTAL	30.00	
31	9.114	Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.							
	9.114.2	Twin rubber stopper							
		DOOR D2	EACH	1	1.00			1.00	
		DOOR D3	EACH	8	1.00			8.00	
		DOOR D4	EACH	6	1.00			6.00	
			EACH				TOTAL	15.00	
	9.68	Providing and fixing ISI marked stainless steel door latches with screws etc. complete :							
	9.68.2	250x20x6 mm							
		Providing and fixing aluminium hanging floor door stopper ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade with necessary screws etc. complete.							
		Twin rubber stopper							
		DOOR D2	EACH	1	1.00			1.00	
		DOOR D3	EACH	8	1.00			8.00	
		DOOR D4	EACH	6	1.00			6.00	
			EACH				TOTAL	16.00	
32	22.5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying :							
		a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours.							
		b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, comers, junctions of pipes and masonry with polymer mixed slurry.							
		DUCT	SQM						
		TOILET	SQM	1	5.9	2.7		15.93	
			SQM				TOTAL	15.93	
33	13.27	Providing and fixing chicken mesh as per ISI specification and in the required width with 50mm long Bombay nails on vertical and horizontal junctions of RCC and brick wall including scaffolding and all lead and lift etc. complete before plastering upt 10 meter height.							
		CHICKEN MESH	SQM	1	5.00	10.00		50.00	
			SQM				TOTAL	50.00	
34	10.22	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.							
		RAILING	SQM	4	4.00	1.00		16.00	
		STAIRCASE	SQM	2	3.00	1.00		6.00	
			SQM				TOTAL	22.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		3 KG / SQM	KG					TOTAL	66.00
35	11.29	Providing and laying gang saw cut 18 mm thick, mirror polished pre moulded (wherever required) and pre polished machine cut granite stone of required size and shape of approved shade, colour and texture in flooring laid over 20mm thick base of cement mortar 1:4 (1 cement : 4 sand) including grouting the joints with white cement mixed with matching pigment, epoxy touch ups etc. complete as per direction of Engineer-in-Charge.							
	11.29.1	Area of slab more than 0.50 sqm.							
	11.29.1.1	Fine grained dark black / dark red/ white with self design/ pattern/ crystal of other colours or glitter							
		STAIRS 1							
		TREADS	SQM	22	1.50	0.30		9.90	
		LANDING	SQM	1	1.50	1.50		2.25	
			SQM					TOTAL	12.15
36	11.28	Granite work gang saw cut, (polished nad machine cut) of thickness 18mm for wall lining (venner work) back filling with a grout of average 12mm thick in cement mortar 1:3 (1cement : 3 sand) including pointing with white cement mortar 1:2 (1 white cement : 2 marble dust) with admixture of pigment to match the marble shade : (to be secured to the backing by means of cramps, which shall be paid for seperately).							
	11.28.2	Area of slab less than 0.50 sqm							
	11.28.2.1	Fine grained dark black/ dark red/ white with self design/ pattern / crystals of other colours or glitters							
		TOILET DOOR FRAMES	SQM						
		D4	SQM	6	5.90		0.15	5.31	
			SQM	6	5.90		0.10	3.54	
		STAIRS 1							
		RISER	SQM	22	1.50		0.15	4.95	
		SKIRTING	SQM	22	0.40		0.10	0.88	
			SQM					TOTAL	14.68
37	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.							
	11.22.3	Raj nagar plain/ White Marble/ Udaipur Green Marble/ Zebra Black							
		CUPBOARD	SQM	12	0.60	0.90		6.48	
			SQM					TOTAL	6.48
	11.22.3	Cuddpah stone							
		CUPBOARD	SQM	12	0.60	0.90		6.48	
			SQM					TOTAL	6.48
NON-SOR ITEMS									
n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n+n'								cell Detail 1 a (n+n')	
	Signature	Consultants							
		Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN						
			ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN						
								EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN	

		FORMAT - E					
		(One for each component of each Project Sub Head)		b		1	
Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
S.No. of Project Sub		1					
Name of Project		HOSTEL BUILDING					
S.No. of Component		b					
Name of Component		Civil Work above Plinth Level					
Abstract Of Cost							
(Separate for each Sub Head Components in the Project)							
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7.00	
SOR ITEMS							
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vacuum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,					
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.					
	5.42.2.1	M-20	CUM	7.14	5856.30	41,813.98	
						0.00	
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected				0.00	
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab					
	5.42.3.1	M-20	CUM	11.93	6442.20	76,855.45	
						0.00	

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7.00
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note : Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				0.00
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	2669.80	60.00	1,60,188.00
						0.00
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				0.00
	6.7.3	having 50 kg / cm2 average compressive				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	CUM	26.54	4535.10	1,20,361.55
						0.00
5	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				0.00
	21.1.1	For fixed portion.				0.00
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	24.00	339.30	8,143.20
						0.00
	21.1.2	For shutters of doors, windows and ventilators				0.00
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	19.20	382.50	7,344.00
						0.00
6	21.3	Providing and fixing glazing in aluminium door. window. ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings				0.00
	21.3.1	With float glass panes of 4.0 mm thickness	SQM	2.40	764.10	1,833.84
						0.00
7	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7.00
	9.43.2	Fixed to openings /wooden frames with rawl plugs screws etc.	KG.	36.00	90.00	3,240.00
						0.00
8	13.8	6 mm cement plaster of mix :				0.00
	13.8.1	1:3 (1 cement: 3 sand)	SQM	108.64	86.40	9,386.50
						0.00
9	13.1	12 mm cement plaster of mix :				0.00
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	95.70	99.00	9,474.30
						0.00
10	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				0.00
	13.2.2	1:6 (1 cement : 6 sand)	SQM	211.66	115.20	24,383.23
						0.00
11	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:				0.00
	12.26.1	In 75x75mm deep chase	Rm	2.00	89.10	178.20
						0.00
12	13.1	12 mm cement plaster of mix :				0.00
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	1.44	99.00	142.56
						0.00
13	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	Rm	103.40	16.65	1,721.61
						0.00
						0.00
14	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.	CUM	211.66	66.60	14,096.56
						0.00
15	13.47	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade				0.00
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.	SQM	211.66	72.90	15,430.01
						0.00
16	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				0.00
	13.68.1	Two or more coats on new work	SQM	21.48	47.70	1,024.60
17	10.12	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel				0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7.00
	10.12.1	Fixing with 15x3 mm lugs 10 em. long embedded in cement concrete block 15x10x10 em of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).	KG	54.00	71.91	3,883.14
						0.00
18	10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x5mm angle iron and 3mm M.S. gusset plates at the junctions and comers, all necessary fittings complete, including applying a priming coat of approved steel primer.				0.00
	10.5.1	Using M.S. angels 40x40x6mm for diagonal braces	SQM	2.52	2344.14	5,907.23
						0.00
19	22.14	Grading roof for water proofing treatment with				0.00
	22.14.1	Cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20 mm nominal size)	CUM	15.26	4112.10	62,750.65
						0.00
20	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : (c) after surface preparation, first layer of slurry of cement @ 0.488 kglsqm mixed with water proofing cement compound @ 0.253 kglsqm. (d) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 em. (e) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kglsqm mixed with water proofing cement compound @ 0.670 kglsqm and sand @ 1.289 kglsqm. This will be allowed to air	SQM	350.87	304.20	1,06,734.65
						0.00
21	11.66	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture and mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron and length upto 6 mm , mixing fibre (Q) 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement , all complete as per direction of Engineer- in-charge	SQM	350.87	324.00	1,13,681.88
						0.00
SUB TOTAL SOR ITEM						7,88,575.14
NON-SOR ITEMS						
n+n'			cell Detail 1 a (n+n')			

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7.00
3 TOTAL NON SOR ITE						
AL SOR + NON SOR IT						7,88,575.00
Signature	Consultants		<p style="text-align: center;"> <small>SUB. ENGINEER</small> <small>MP HOUSING & INFRASTRUCTURE</small> <small>DEVELOPMENT BOARD</small> <small>SUB DIVISION UJJAIN</small> </p> <p style="text-align: center;"> <small>ASSISTANT ENGINEER</small> <small>MP HOUSING & INFRASTRUCTURE</small> <small>DEVELOPMENT BOARD</small> <small>SUB DIVISION UJJAIN</small> </p> <p style="text-align: center;"> <small>EXECUTIVE ENGINEER</small> <small>MP HOUSING & INFRASTRUCTURE</small> <small>DEVELOPMENT BOARD</small> <small>SUB DIVISION UJJAIN</small> </p>			
	Department					

FORMAT - F

(One for each component of each Project Sub Head)

b

1

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
S.No. of Project Sub	1
Name of Project Sub	HOSTEL BUILDING
S.No. of Component :-	b
Name of Component :-	Civil Work above Plinth Level

Quantity Sheet

(Separate for each Sub Head Components in the Project)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
		MUMTY FLOOR							
1	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only.							
	5.42.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.							
	5.42.2.1	M-20							
		Column C1 (300MM X 600MM)	CUM	5	0.30	0.60	3.00	2.70	
		Lift Wall	CUM	1	11.00	0.15	3.00	4.95	
		lift door	CUM	-1	1.00	0.20	2.55	-0.51	
			CUM				TOTAL	7.14	
2	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevent IS codes and CPWD specifications only. (Note: Design mix shall have minimum cement content							
	5.42.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab							
	5.42.3.1	M-20							
		BEAMS							
		BEAMS STAIRCASE	CUM	2	5.60	0.30	0.50	1.68	
		BEAMS STAIRCASE	CUM	2	3.50	0.30	0.50	1.05	
			CUM				TOTAL (A)	2.73	
		LINTEL							
		WINDOW W 1	CUM	1	2.40	0.20	0.25	0.12	
		DOOR D3	CUM	1	1.40	0.20	0.25	0.07	
			CUM				TOTAL (B)	0.19	
		CHAJJA PROJECTION							
		WINDOW W 1	CUM	1	2.40	0.60	0.10	0.14	
		DOOR D3	CUM	1	1.40	0.60	0.10	0.08	
			CUM				TOTAL (C)	0.22	
		Roof Slab 130 mm							
		STAIR CASE	CUM	2	4.60	6.40	0.135	7.95	
		LIFT SLAB	CUM	1	2.50	2.50	0.135	0.84	
			CUM				TOTAL (D)	8.79	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		(A+B+C+D)	CUM				TOTAL	11.93	
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786							
		COLUMN	140					7.14	
		SLAB & BEAM & LINTEL ,ALL Chajja + Door Lintel	CUM					11.93	
			CUM				TOTAL	19.07	
		Steel = 140 Kg/Cum	KG				TOTAL	2669.80	
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :							
	6.7.3	having 50 kg / cm ² average compressive strength							
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)							
		WALL	CUM	2	5.60	0.20	3.00	6.72	
		WALL	CUM	2	3.50	0.20	3.00	4.20	
		PARAPET WALL	CUM	1	92.30	0.20	0.90	16.61	
			CUM				TOTAL (A)	27.53	
		DEDUCTIONS							
		WINDOW W 1	CUM	1	2.00	0.20	1.20	0.48	
		DOOR D3	CUM	1	1.00	0.20	2.55	0.51	
			CUM				TOTAL (B)	-0.99	
			CUM				TOTAL	26.54	
5	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :							
	21.1.1	For fixed portion.							
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S FRAMES							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
			SQM				TOTAL WINDOW AREA	2.40	
		6 KG/SQM	KG				TOTAL	24.00	
	21.1.2	For shutters of doors, windows and ventilators including							
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S SHUTTER							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
			SQM				TOTAL WINDOW AREA	2.40	
		4 KG/SQM	KG				TOTAL	19.20	
6	21.3	Providing and fixing glazing in aluminium door. window. ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the							
	21.3.1	With float glass panes of 4.0 mm thickness							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
			SQM				TOTAL	2.40	
7	9.43	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	9.43.2	Fixed to openings /wooden frames with rawl plugs screws etc.							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
			SQM				TOTAL	2.40	
		Frames @ 15 Kg/ Sq.m.	KG.				TOTAL	36.00	
8	13.8	6 mm cement plaster of mix :							
	13.8.1	1:3 (1 cement: 3 sand)							
		Roof Slab 130 mm							
		STAIR CASE	SQM	2	4.60	6.40		58.88	
		LIFT SLAB	SQM	1	2.50	2.50		6.25	
		COLUMN	SQM		0.5	10.00		5.00	
		BEAM	SQM		0.5	70.70		35.35	
							TOTAL (A)	105.48	
		Weather Shade							
		WINDOW W 1	SQM	1	2.40	0.60		1.44	
			SQM	2	2.40		0.10	0.48	
			SQM	1		0.60	0.10	0.06	
		DOOR D3	SQM	1	1.40	0.60		0.84	
			SQM	2	1.40		0.10	0.28	
			SQM	1		0.60	0.10	0.06	
			SQM				TOTAL (B)	3.16	
		(A+B+C)	SQM				TOTAL	108.64	
9	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		WALL	SQM	4	5.60		2.77	61.94	
		WALL	SQM	4	3.50		2.77	38.71	
			SQM				TOTAL(A)	100.65	
		DEDUCTION'S							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
		DOOR D3	SQM	1	1.00		2.55	2.55	
							TOTAL(B)	-4.95	
		(A+B)					TOTAL(C)	95.70	
			SQM.				TOTAL	95.70	
10	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	13.2.2	1:6 (1 cement : 6 sand)							
		WALL	SQM	1	16.00	3.00		48.00	
		PARAPET WALL	SQM	1	92.30		1.80	166.14	
							TOTAL(A)	214.14	
		DEDUCTION'S							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
		DOOR D3	SQM	1	1.00		2.55	2.55	
							TOTAL (B)	-4.95	
		50 % DEDUCTION		1	0.50		-4.95	-2.48	
		(A+B)	SQM				TOTAL	211.66	
11	12.26	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement: 2 sand : 4 stone aggregate 10mm and down grade) including finishing with cement mortar 1:3 (1 cement: 3 sand) as per standard design:							
	12.26.1	In 75x75mm deep chase							
		WINDOW W 1	RM	1	2.00			2.00	
			RM				TOTAL	2.00	
12	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		WINDOW W 1	SQM	1	2.40	0.60		1.44	
			SQM				TOTAL	1.44	
13	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.							
		WINDOW W 1	RM	1	3.40			3.40	
		Elevation	RM	1	100.00			100.00	
			RM				TOTAL	103.40	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
14	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent,							
		INTERNAL WALLS AND CEILING	SQM					209.29	
		OUTER WALLS	SQM	2	4.60	6.40		211.66	
			SQM				TOTAL	211.66	
15	13.47	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade							
	13.47.1	New work (two or more coats) over and including water thinnable priming coat with cement primer.							
			SQM					211.66	
			SQM				TOTAL	211.66	
16	13.68	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :							
	13.68.1	Two or more coats on new work							
		Door & Window Frame							
		QTY B/F FROM ITEM NO. 10.15.2.1	SQM	1	10.00	0.245		2.45	
		STEEL	SQM	6.6	1.20	2.10		16.63	
		MS GRILL							
		CONSTANT (0.50 X 2 = 1.00)							
		BOTH SIDE							
		WINDOW W 1	SQM	1	2.00		1.20	2.40	
			SQM				TOTAL	21.48	
17	10.12	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.							
	10.12.1	Fixing with 15x3 mm lugs 10 em. long embedded in cement concrete block 15x10x10 em of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).							
		DOOR FRAME		1	5.40			5.40	
			SQM				TOTAL	5.40	
		5 KG / RM	KG				TOTAL	54.00	
18	10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x5mm angle iron and 3mm M.S. gusset plates at the junctions and comers, all necessary fittings complete, including applying a priming coat of approved steel primer.							
	10.5.1	Using M.S. angels 40x40x6mm for diagonal braces							
		TERRACE DOOR		1	1.20	2.10		2.52	
			SQM				TOTAL	2.52	
19	22.14	Grading roof for water proofing treatment with							
	22.14.1	Cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20 mm nominal size)							
				1	305.10		0.05	15.26	
			CUM				TOTAL	15.26	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
20	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : (c) after surface preparation, first layer of slurry of cement @ 0.488 kglsqm mixed with water proofing cement compound @ 0.253 kglsqm. (d) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 em. (e) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kglsqm mixed with water proofing cement compound @ 0.670 kglsqm and sand @ 1.289 kglsqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in							
				1	350.87			350.87	
			SQM				TOTAL	350.87	
21	11.66	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture and mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron and length upto 6 mm , mixing fibre (Q) 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement , all complete as per direction of Engineer- in-charge.							
		QTY SAME AS ITEM NO. 22.6	SQM				TOTAL	350.87	
NON-SOR ITEMS									
n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n+n'								cell Detail 1 a (n+n')	
		Consultants							
	Signature	Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN			ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

		FORMAT - E (One for each component of each Project Sub Head)		b	1	
Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
S.No. of Project Sub	1					
Name of Project	COLLEGE BUILDING					
S.No. of Component	b					
Name of Component	Civil Work above Plinth Level : RENNOVATION AUDI / MULTIPURPOSE HALL					
Abstract Of Cost (Separate for each Sub Head Components in the Project)						
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
1	15.11	Dismantling tile/ Kota stone/ Marble / Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.11.1	For thickness of tiles 10 mm to 25 mm	SQM	9.96	15.30	152.39
2	15.48	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.				
			SQM	15.84	11.70	185.33
3	15.6	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	15.6.3	In cement mortar	CUM	3.50	438.30	1,534.05
4	14.30	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.				
			SQM	107.84	6.08	655.13
5	11.92	Providing and laying vitrified floor tiles full body design homogeneous body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS : 15622 of approved make in all colours & shades, 1st quality/premium in flooring laid on 20mm thick cement mortar 1:4 (1 cement :4 sand) including grouting the joints with white cement and matching pigments etc complete for indoor				
	11.92.1	In light colours and shades as ivory, beige blanco, grey etc				
	(b)	size 600x600 mm thickness 9-10mm	SQM	9.96	995.40	9,914.18

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
6	11.48	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (having thickness 6 to 7 mm) approved make in all colours, shades, such as burgundy, bottle green, Black of size 300 x 450 mm or more in skirting, riser of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 Cement: 3 sand) prepared same day when mortar is still green i.e. within 6 hours and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	SQM	15.84	596.70	9,451.73
7	11.47	Providing and laying Ceramic glazed floor tiles 300x300 mm or more (having thickness 6 to 7mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.	SQM	20.00	558.00	11,160.00
8	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				
	6.7.3	having 50 kg/cm ² average compressive strength				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	Cum	10.50	4535.10	47618.55
9	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.				
	6.15.3	having 50 kg/cm ² average compressive strength				
	6.15.3.1	Cement mortar 1 : 3 (1 cement : 3 sand)	SQM	52.50	543.60	28539.00
10	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.	SQM	52.50	114.30	6000.75
11	13.1	12mm cement plaster of mix :				
	13.1.2	1:6 (1 cement: 6 sand)	SQM	135.00	99.00	13365.00
12	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement: 6 sand)	SQM	60.75	115.20	6998.40

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
13	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1cement : 4 sand) :				
	11.34.1	25 mm thick.	Sq.m.	192.00	688.50	132192.00
14	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills , facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1				
	11.22.2.1	Granite Fine Grained dark Black/dark red/white with self design/pattern/crystal of other colours or glitters.	SQM	51.50	2120.40	1,09,200.60
15	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	21.1.2	For shutters of doors, windows and ventilators				
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	KG	100.00	382.50	38,250.00
16	21.3	Providing and fixing glazing in aluminium door. window. ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the architectural drawings				
	21.3.1	With float glass panes of 4.0 mm thickness	SQM	120.00	764.10	91,692.00
17	21.2	Providing and fixing 12mm thick Pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 11, in				
	21.2.2	Pre-laminated particle board with decorative lamination on both sides.	SQM	30.00	965.70	28,971.00
18	9.46	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire				
	9.46.2	With 12mm mild-steel U beading.	SQM	30.00	612.90	18,387.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
19	9.42	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets :				
	9.42.1	20 mm dia (heavy type)	METER	5.00	114.30	571.50
20	12.50	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x 1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T- sections shall be pre-painted with polyester paint, all complete for all heights as per specifications drawings and as directed by Engineer-in- charge				
	12.50.4	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I , of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.	SQM	51.00	942.30	48,057.30
21	9.170	Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile.				
	9.170.2	Decorative finish (both side wood grained finish).	SQM	4.00	3257.10	13,028.40
22	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc.				
	9.65.2	250 x16mm	EACH	8.00	293.40	2,347.20
23	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:				
	9.69.2	100mm	EACH	8.00	48.60	388.80
24	13.46	Applying one coat of water thinnable cement primer of approved brand and manufacture on				
	13.46.1	Water thinnable cement primer.	SQM	107.84	21.60	2,329.34
25	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufact-urer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.				
			SQM	107.84	66.60	7,182.14

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
26	13.49	Wall painting with plastic emulsion paint of approved brand and manufacture to give an				
	13.49.1	Two or more coats on new work	SQM	107.84	57.60	6,211.58
27	22.14	Grading roof for water proofing treatment with				
	22.14.1	Cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20 mm nominal size)				
			CUM	5.00	4112.10	20,560.50
28	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : (c) after surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. (d) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. (e) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and sand @ 1.289 kg/sqm. This will be allowed to air	SQM	115.00	304.20	34,983.00
29	11.66	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture and mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron and length upto 6 mm , mixing fibre (Q) 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement , all complete as per direction of Engineer- in-charge.	SQM	30.00	360.00	10,800.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
30	22.22	Water proofing treatment over Roof, Wall, Chajjas, Balcony with Diamond Shield and Sealer coat or equivalent at leakage/ seepage area consisting of (i) Surface preparation roughening of surface, opening of cracks in 'V' groove in size of 5mmx10mm (WxD), filling of cracks with putty of Diamond shield with laying fiber glass mesh, Cleaning of surface by scrubbing with steel wire/ Nylon brush. Removing all dust particles and washing with adequate water to clean completely. (ii) Providing and applying 1st coat of diamond shield or equivalent (minimum thickness 70-80 micron) (a two component flexible waterproof and protective modified mortar, dry powder 80% Chemical 20% acrylic resin having 30% solid contents) with mix proportion of Paart 1 and 2 with proper mixing with laying of fiber glass mesh (of weaving size of 10x10 yarn/inch duly coated with alkaline resistant polymer). Allow the coating to air cure for minimum 2 Hrs. (Diamond Shield or equivalent. After two hours minimum of 1st coat apply 2nd coat (minimum				
			SQM	180.00	418.50	75,330.00
B TOTAL SOR ITEM						7,76,056.88
NON-SOR ITEMS						
n+n'						cell Detail 1 a (n+n')
B TOTAL NON SOR ITE						
AL SOR + NON SOR IT						7,76,057.00
Signature		Consultants				
		Department				

Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN							FORMAT - F	b	1
S.No. of Project Sub		1									
Name of Project Sub		COLLEGE BUILDING									
S.No. of Component :-		b									
Name of Component :-		Civil Work above Plinth Level : RENNOVATION									
Quantity Sheet (Separate for each Sub Head Components in the Project)											
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark		
1	2	3	4	5	6	7	8	9	10		
SOR ITEMS											
RENOVATION WORK											
1	15.11	Dismantling tile/ Kota stone/ Marble / Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.									
	15.11.1	For thickness of tiles 10 mm to 25 mm									
		ENTRANCE	SQM	1	3.00	3.00				9.00	
		DOOR SILL	SQM	2	1.20	0.40				0.96	
			SQM						Total	9.96	
2	15.48	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.									
		WALLS	SQM	2	7.00		1.50			21.00	
		DEDUCTION DOOR	SQM	-2	1.20		2.15			-5.16	
			SQM						Total	15.84	
3	15.6	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.									
	15.6.3	In cement mortar									
			CUM						Total	3.50	
4	14.30	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.									
		WALLS	SQM	1	7		1.5			21	
		DEDUCTION DOOR	SQM	-2	1.2		2.15			-5.16	
		CEILING	SQM	1	7.00	6.00				42.00	
		LUMPSUM	SQM	1						50.00	
			CUM						Total	107.84	
5	11.92	Providing and laying vitrified floor tiles full body design homogeneous body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS : 15622 of approved make in all colours & shades, 1st quality/premium in flooring laid on 20mm thick cement mortar 1:4 (1 cement :4 sand) including grouting the joints with white cement and matching pigments etc complete for indoor									
	11.92.1	In light colours and shades as ivory, beige blanco, grey etc									
	(b)	size 600x600 mm thickness 9-10mm									
		QTY B/F VIDE ITEM NO. 15.11.1								9.96	
			Sq.m.						G.Total	9.96	
6	11.48	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (having thickness 6 to 7 mm) approved make in all colours, shades, such as burgundy, bottle green, Black of size 300 x 450 mm or more in skirting, riser of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 Cement: 3 sand) prepared same day when mortar is still green i.e. within 6 hours and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.									
		QTY B/F VIDE ITEM NO. 15.48								15.84	
			Sq.m.						TOTAL	15.84	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
7	11.47	Providing and laying Ceramic glazed floor tiles 300x300 mm or more (having thickness 6 to 7mm) of 1st quality conforming to IS : 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 sand) including pointing the joints with white cement and matching pigments etc., complete.							
		TOILET AREAS						20.00	
			Sq.m.				TOTAL	20.00	
8	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :							
	6.7.3	having 50 kg/cm ² average compressive strength							
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)							
		FOR PLATFORM		10	7.00	0.20	0.75	10.50	
			CUM				TOTAL	10.50	
9	6.15	Half brick masonry with fly ash lime Gypsum bricks (FALG bricks) conforming to IS : 12894, in super structure above plinth and upto floor two level.							
	6.15.3	having 50 kg/cm ² average compressive strength							
	6.15.3.1	Cement mortar 1 : 3 (1 cement : 3 sand)							
		FOR PLATFORM ETC		10	7.00	1.00	0.75	52.50	
			SQM				Total	52.50	
10	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry.							
		QTY B/F VIDE ITEM NO. 6.15.3.2	SQM				TOTAL	52.50	
11	13.1	12mm cement plaster of mix :							
	13.1.2	1:6 (1 cement: 6 sand)							
		FOR PLATFORM		40	4.00		0.75	120.00	
				20	1.00		0.75	15.00	
			SQM				TOTAL	135.00	
12	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	13.2.2	1:6 (1 cement: 6 sand)							
		FOR PLATFORM		20	4.00		0.75	60.00	
		Dismantling tile/ Kota stone/ Marble / Granite work in floors/walls and roofs laid in cement mortar including stacking material within 50 metres lead.		1	1.00		0.75	0.75	
			SQM				TOTAL	60.75	
13	11.34	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 sand) :							
	11.34.1	25 mm thick. (600MM x 600MM)							
		FLOORING							
		CORRIDOOR		4	20.00	2.40	1.00	192.00	
			SQM				TOTAL	192.00	
14	11.22	Providing and fixing 18mm thick gang saw cut mirror polished (premoulded and prepolished) machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing moulding and polishing to edge to give high gloss finish wherever required etc. complete at all levels. samples approved by Engineer-in-charge.							
	11.22.2.1	Granite Fine Grained dark Black/dark red/white with self design/pattern/crystal of other colours or glitters.							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		FOR PLATFORM							
		PLATFORM		10	5.15		1.00	51.50	
							TOTAL	51.50	
15	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing I paneling, C.P. brass I stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :							
	21.1.2	For shutters of doors, windows and ventilators including							
	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)							
		WINDOW 'S SHUTTER							
		PLATFORM SHUTTER		10	1.00	1.00		10.00	
			SQM				TOTAL AREA	10.00	
		10 KG/SQM	KG				G.TOTAL	100.00	
16	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber/ neoprene gasket etc. complete as per the							
	21.3.1	With float glass panes of 4.0 mm thickness							
		FOR PLATFORM		40	1.00	3.00	1.00	120.00	
			SQM				TOTAL	120.00	
17	21.2	Providing and fixing 12mm thick Pre-laminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade 1 Type 11, in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass I stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.							
	21.2.2	Pre-laminated particle board with decorative lamination on both sides.							
		PLATFORM		10	1.00	3.00	1.00	30.00	
			SQM				TOTAL	30.00	
18	9.46	Providing and fixing fly proof galvanized M.S. wire gauge to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.63 mm all complete.							
	9.46.2	With 12mm mild steel U beading.							
		WINDOW		20	1.00	1.50		30.00	
			SQM				TOTAL	30.00	
19	9.42	Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets :							
	9.42.1	20 mm dia (heavy type)							
		CURTAINS RODS		1	5.00			5.00	
			METER				TOTAL	5.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
20	12.50	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on Inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 x mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T- sections shall be pre-painted with polyester paint, all complete for all heights as per specifications drawings and as directed by Engineer-in- charge							
	12.50.4	12.5 mm thick fully Perforated Gypsum Board tile made from plasterboard having glass fibre conforming to IS: 2095 part I , of size 595x595 mm, having perforation of 9.7x9.7 mm at 19.4 mm c/c with center borders of 48 mm and the side borders of 30 mm, backed with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.79, with 50 mm resin bonded glass wool backing.							
		OFFICE		1	7.00	6.00		42.00	
		ENTRANCE		1	3.00	3.00		9.00	
			SQM				TOTAL	51.00	
21	9.170	Providing and fixing factory made 30 mm thick door shutter made of solid PVC foam profile. The styles and rails shall be of size 75 mmx30 mm having wall thickness 5 mm. The styles, top and bottom rails shall have one side wall thickness of 15 mm integrally extruded on the hinge side of the profile for better screw holding power. The styles and rails shall be reinforced with M.S. tubes of size 33 mmx17 mmx 1 mm, painted with primer, all four corners of reinforcement to be welded or sealed. Solid PVC extruded bidding (push fit type) will be set inside the styles and the rails with a cavity, to receive single piece extruded 5 mm PVC sheet as panel. The styles and rails will be mitred cut and joint with the help of PVC solvent cement and self driven selftapping screws. Single piece extruded solid PVC lock rail of size 100 mm x 30 mm with wall thickness 5 mm and 15 mm integrally extruded in the middle of the lock rail and							
	9.170.2	Decorative finish (both side wood grained finish). DOOR		2	2.00		1.00	4.00	
			METER				TOTAL	4.00	
22	9.65	Providing and fixing ISI marked stainless steel sliding door bolts with nuts and screws etc. complete:							
	9.65.2	250 x16mm DOOR BOLTS		4	2.00			8.00	
			EACH				TOTAL	8.00	
23	9.69	Providing and fixing ISI marked stainless steel handles with necessary screws etc. complete:							
	9.69.2	100mm DOOR HANDLES		4	2.00			8.00	
			EACH				TOTAL	8.00	
24	13.46	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :							
	13.46.1	Water thinnable cement primer. QTY B/F VIDE ITEM NO. 14.30						107.84	
			Sqm				TOTAL	107.84	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
25	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.							
		QTY B/F VIDE ITEM NO. 14.30						107.84	
			Sqm				Total	107.84	
26	13.49	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:							
	13.49.1	Two or more coats on new work							
		QTY B/F VIDE ITEM NO. 14.30						107.84	
			EACH				TOTAL	107.84	
27	22.14	Grading roof for water proofing treatment with							
	22.14.1	Cement concrete 1:2:4 (1 cement: 2 sand: 4 graded stone aggregate 20 mm nominal size)							
		QTY B/F FROM ITEM NO. 6.28		1	100.00		0.05	5.00	
			CUM				Total	5.00	
28	22.6	Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : (c) after surface preparation, first layer of slurry of cement @ 0.488 kglsqm mixed with water proofing cement compound @ 0.253 kglsqm. (d) laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 em. (e) third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kglsqm mixed with water proofing cement compound @ 0.670 kglsqm and sand @ 1.289 kglsqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in							
				1	115.00			115.00	
			Sqm				G.Total	115.00	
29	11.66	Crazy ceramic tile flooring, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture and mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron and length upto 6 mm , mixing fibre (Q) 125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar @ 1 kg per 50 kg of cement , all complete as per direction of Engineer- in-charge.							
		LUMP SUM	SQM				Total	30.00	
30	22.22	Water proofing treatment over Roof, Wall, Chajjas, Balcony with Diamond Shield and Sealer coat or equivalent at leakage/ seepage area consisting of (i) Surface preparation roughening of surface, opening of cracks in "V" groove in size of 5mmx10mm (WxD), filling of cracks with putty of Diamond shield with laying fiber glass mesh, Cleaning of surface by scrubbing with steel wire/ Nylon brush. Removing all dust particles and washing with adequate water to clean completely. (ii) Providing and applying 1st coat of diamond shield or equivalent (minimum thickness 70-80 micron) (a two component flexible waterproof and protective modified mortar, dry powder 80% Chemical 20% acrylic resin having 30% solid contents) with mix proportion of Paart 1 and 2 with proper mixing with laying of fiber glass mesh (of weaving size of 10x10 yarn/inch duly coated with alkaline resistant polymer). Allow the coating to air cure for minimum 2 Hrs. (Diamond Shield or equivalent. After two hours minimum of 1st coat applying 2nd coat (minimum thickness 100 micron) of diamond shield or equivalent with mix proportion of part 1 and part 2 with proper mixing. Allow the coating to air cure for minimum 2 Hrs. Consumption of the diamond shield or equivalent should be							
			SQM	1	50.00	3.60		180.00	
NON-SOR ITEMS									
n+1									cell Detail 1 a (n+1)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark	
1	2	3	4	5	6	7	8	9	10	
n+2								cell Detail 1 a (n+2)		
n+3								cell Detail 1 a (n+3)		
n+n'								cell Detail 1 a (n+n')		
	Signature	Consultants								
		Department								

		FORMAT - E (One for each component of each Project Sub Head)					c-1
Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
S.No. of Project Sub H		1					
Name of Project Sub		HOSTEL BUILDING					
S.No. of Component :-		c					
Name of Component :-		Internal Water supply ,Plumbing and Sanitary					
Abstract Of Cost (Separate for each Sub Head Components in the Project)							
S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7	
SOR ITEMS							
1	25.1	Providing and fixing Anti germ Fluoro-Polymer Coated Water closet squatting pan (indian type W. C. 260x440x580 pan) with 100 mm sand cast Iron P and S- trap, and 7.2 litre Low level, dual flush, PP (Poly Propeline) made open slim wall hung cistern capacity 3 litre/6 litre flushing, with all fittings and fixtures complete including cutting and making good the wall and floors wherever required :					
	25.1.1	white Vitreous china Anti germ Fluoro-Polymer Coated Orissa Pattern W. C. Pan of Size 260 X 440 X 580 mm With intergral foot rests.					
		JAUAR OR EQUIVALENT MAKE	each	6.00	4959.00	29754.00	
2	25.2	Providing and fixing white vitreous china pedestal type Anti germ Fluoro-Polymer Coated Water Closet (European type W. C. pan size 390 X 365 X 540 MM) with soft closing seat cover, and 7.2 litre Low level slim dual flushing, PP (Poly Propeline) made 80 mm thick consealed flushing cistern, flushing capacity 3 litre/6 litre, with all fittings and fixtures complete including cutting and making good the wall and floors wherever required :					
	25.2.1	Anti germ Fluoro-Polymer Coated (neno coating) European W. C. Size 390 X 365 X 540mm with solid poly propelyne made soft closing seat cover					
		JAUAR OR EQUIVALENT MAKE	each	6.00	10760.40	64562.40	
3	18.82	Providing and fixing CP jet assembly to including connection etc complete.					
			each	6.00	337.50	2025.00	

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
4	17.70	Providing and fixing toilet paper holder :				
	17.70.1	C.P. brass	each	6.00	306.00	1836.00
5	25.7	Providing and fixing white vitreous china type Anti germ Fluoro-Polymer Coated Wash Basin size 160x580x450mm with C.I. Brakets, 15 mm C. P. wall mounted pressmatic pillar cock auto closing system (decol technology), 15mm quarter turn angular stop cock, 32 mm C.P. brass made waste coupling length 130mm and 32 mm C.P. Brass Made Bottle Trap size 200x300mm fittings and fixures complete including Painting of fittings and cutting and making good the wall and floors wherever required :				
	25.7.1	White Vetrious China Anti germ Fluoro-Polymer Coated Wash Basin Size 160x580x450 mm with basin mounted pressmatic pillar cock auto closing system (decol technology).				
		JAQUAR OR EQUIVALENT MAKE	each	11.00	12168.00	133848.00
6	17.64	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.				
	17.64.2	Flexible pipe				
	17.64.2.1	32 mm	each	11.00	78.30	861.30
7	18.53	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	18.53.1	15mm nominal bore, 90mm long. Weighing not less than 93 gms.	each	12.00	473.40	5680.80
8	25.18	Providing and fixing in position best indian (bonut size 24mm, ceramic disc size 19mm and min. body thickness 2mm, nickel plating. 10 micron and chrome plating 0.3 micron, quarter turn)Angular stop cock.				
		JAQUAR OR EQUIVALENT MAKE	each	10.00	1566.00	15660.00
9	25.19	Providing and fixing in position best indian (bonut size 24mm, ceramic disc size 19mm and min. body thickness 2mm, nickel plating 0.10 micron and chrome plating 0.3 micron, quarter turn)Bib cock.				
		JAQUAR OR EQUIVALENT MAKE	each	12.00	1512.00	18144.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
10	25.26	Providing and fixing in position best Indian single Lever Auto mixing Basin Mixer (Cartridge Size 32mm, nickel plating 0.10 micron and chrome plating 0.3 micron) For Wash Basin area use only.	each	12.00	4104.00	49248.00
		JAQUAR OR EQUIVALENT MAKE				
11	17.73	Providing and fixing CP brass towel rail of approved quality and make				
	17.73.2	450x20mm	each	11.00	752.40	8276.40
12	17.75	Providing and fixing CP brass soap dish of approved quality and make	each	11.00	379.80	4177.80
13	18.69	Providing and fixing PTMT grating of approved quality and colour.				
	18.69.1	Circular type.				
	18.69.1.1	100 mm nominal dia.	each	25.00	49.50	1237.50
	18.69.1.2	125 mm nominal dia with 25 mm waste hole.	each	11.00	54.00	594.00
14	17.68	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing :				
	17.68.2	Rectangular shape 453x357mm	each	11.00	577.80	6355.80
15	17.36	Providing and fixing plain bend of required degree.				
	17.36.1	100 mm dia minimum wall thickness 6.5mm				
	17.36.1.2	Sand cast iron SandS as per IS : 3989	each	30.00	311.40	9342.00
	17.36.2	75 mm dia minimum wall thickness 6.5mm				
	17.36.2.2	Sand cast iron SandS as per IS : 3989	each	25.00	233.10	5827.50
16	17.57	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floor.				
	17.57.1	100 mm inlet and 75 mm outlet				
	17.57.1.1	Sand Cast iron SandS as per IS- 1729.	each	12.00	742.50	8910.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
17	17.55	Providing lead caulked joints to sand cast iron/ centrifugally cast (spun) iron pipes and fittings of diameter:				
	17.55.1	100mm	each	35.00	210.60	7371.00
	17.55.2	75mm	each	30.00	180.90	5427.00
18	17.32	Providing and fixing soil, waste and vent pipes :				
	17.32.1	100 mm dia. Pipe minimum wall thickness 5mm				
	17.32.1.1	Sand cast iron SandS pipe as per IS: 1729.	METER	50.00	791.10	39555.00
	17.32.2	75 mm dia. Pipe minimum wall thickness 5mm				
	17.32.2.1	Sand cast iron SandS pipe as per IS: 1729.	METER	50.00	645.30	32265.00
19	17.91	Painting sand cast iron/ centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work				
	17.91.1	100 mm diameter pipe	METER	120.00	26.10	3132.00
	17.91.2	75 mm diameter pipe	METER	45.00	22.00	990.00
20	17.35	Providing and fixing bend of required degree with access door, insertion				
	17.35.1	100 mm dia minimum wall thickness 6.5mm				
	17.35.1.2	Sand cast iron SandS as per IS - 3989	each	40.00	367.20	14688.00
	17.35.2	75 mm dia minimum wall thickness 6.5mm				
	17.35.2.2	Sand cast iron SandS as per IS - 3989	each	36.00	341.00	12276.00
21	17.37	Providing and fixing heel rest sanitary bend				
	17.37.1	100 mm dia minimum wall thickness 6.5mm				
	17.37.1.2	Sand cast iron SandS as per IS - 3989	each	36.00	348.30	12538.80
	17.37.2	75 mm dia minimum wall thickness 6.5mm				
	17.37.2.2	Sand cast iron SandS as per IS - 3989	each	12.00	329.00	3948.00
22	17.41	Providing and fixing single equal plain junction of required degree :				
	17.41.1	100x100x100 mm minimum wall thickness 6.5mm				

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	17.41.1.2	Sand cast iron SandS as per IS - 3989	each	18.00	546.30	9833.40
23	17.52	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts and nuts				
	17.52.1	100mm				
	17.52.1.2	Sand cast iron SandS as per IS - 3989	each	18.00	492.30	8861.40
24	17.53	Providing and fixing terminal guard:				
	17.53.1	100mm				
	17.53.1.2	Sand cast iron SandS as per IS - 3989	each	18.00	432.00	7776.00
	17.53.2	75 mm				
	17.53.2.2	Sand cast iron SandS as per IS - 3989	each	19.00	439.00	8341.00
	17.54	Providing and fixing collar:				
	17.54.1	100mm				
	17.54.1.2	Sand cast iron SandS as per IS - 3989	each	12.00	285.30	3423.60
26	17.34	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc. :				
	17.34.1	For 100 mm dia. Pipe	each	40.00	59.40	2376.00
	17.34.2	For 75 mm dia. Pipe	each	15.00	37.00	555.00
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting chases and making good the walls etc.,				
	18.8.1	15 mm nominal outer dia .Pipes.	meter	120.00	186.30	22356.00
	18.8.2	20 mm nominal outer dia .Pipes.	meter	100.00	210.60	21060.00
	18.8.3	25 mm nominal outer dia .Pipes.	meter	100.00	259.20	25920.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
28	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer in Charge. External work				
	18.9.3	25 mm nominal outer dia .Pipes.	meter	100.00	166.50	16650.00
	18.9.4	32 mm nominal outer dia .Pipes.	meter	150.00	214.20	32130.00
	18.9.5	40 mm nominal outer dia .Pipes.	meter	50.00	291.60	14580.00
	18.9.6	50 mm nominal outer dia .Pipes.	meter	50.00	448.20	22410.00
	18.9.7	62.50 mm nominal outer dia .Pipes.	meter	50.00	1286.10	64305.00
	18.9.8	75 mm nominal outer dia .Pipes.	meter	30.00	1816.20	54486.00
29	18.34	Providing and fixing CPVC gate valve with knob of approved quality.				
	18.34.1	25 mm nominal bore	each	20.00	385.20	7704.00
	18.34.2	32 mm nominal bore	each	15.00	450.00	6750.00
	18.34.3	40 mm nominal bore	each	10.00	525.60	5256.00
	18.34.4	50 mm nominal bore	each	8.00	674.10	5392.80
30	18.49	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	lts.	3000.00	6.30	18900.00
31	18.72	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.				
	18.72.3	25 mm nominal bore, 152mm long. Weighing not less than 440 gms.				
		verticle	each	3.00	553.50	1660.50

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
32	18.73	Providing and fixing Unplasticised P.V.C. connection pipe with PTMT Nuts collar and bush of approved quality and colour.				
	18.73.2	15 mm nominal bore with 45 em length.				
			each	11.00	71.10	782.10
33	18.36	Providing and fixing gun metal non-return valve of approved quality (screwed end):				
	18.36.1.2	25 mm nominal bore..				
		verticle	each	6.00	426.60	2559.60
	18.36.2.2	32 mm nominal bore..				
		verticle	each	4.00	643.50	2574.00
	18.36.3.2	40 mm nominal bore..				
		verticle	each	2.00	891.00	1782.00
	18.36.4.2	50 mm nominal bore..				
		verticle	each	2.00	1217.70	2435.40
34	18.78	Cutting holes upto 15x15 em in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1cement: 2 sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof.				
			each	25.00	116.10	2902.50
35	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall				
	18.10.3	25 mm nominal outer dia .Pipes.	meter	50.00	270.00	13500.00
	18.10.4	32 mm nominal outer dia .Pipes.	meter	40.00	324.90	12996.00
	18.10.5	40 mm nominal outer dia .Pipes.	meter	35.00	431.10	15088.50
	18.10.6	50 mm nominal outer dia .Pipes.	meter	25.00	536.40	13410.00
36	17.14	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good				
	17.14.2	Kitchen sink without drain board				
	17.14.2.2	610x460 mm bowl depth200 mm.	each	3.00	3915.90	11747.70

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
Signature		Department	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
S.No. of Project Sub	1
Name of Project Sub	HOSTEL BUILDING
S.No. of Component :-	c
Name of Component :-	Internal Water supply ,Plumbing and Sanitary

Quantity Sheet
(Separate for each Sub Head Components in the Project)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
1	25.1	Providing and fixing Anti germ Fluoro-Polymer Coated Water closet squatting pan (indian type W. C. 260x440x580 pan) with 100 mm sand cast Iron P and S- trap, and 7.2 litre Low level, dual flush, PP (Poly Propeline) made open slim wall hung cistern capacity 3 litre/6 litre flushing, with all fittings and fixtures complete including cutting and making good the wall and floors wherever required :							
	25.1.1	white Vitreous china Anti germ Fluoro-Polymer Coated Orissa Pattern W. C. Pan of Size 260 X 440 X 580 mm With intergral foot rests.							
		JAQUAR OR EQUIVALENT MAKE	each	6				6.00	
			each				Total Qty.	6.00	
2	25.2	Providing and fixing white vitreous china pedestal type Anti germ Fluoro-Polymer Coated Water Closet (European type W. C. pan size 390 X 365 X 540 MM) with soft closing seat cover, and 7.2 litre Low level slim dual flushing, PP (Poly Propeline) made 80 mm thick consealed flushing cistern, flushing capacity 3 litre/6 litre, with all fittings and fixtures complete including cutting and making good the wall and floors wherever required :							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	25.2.1	Anti germ Fluoro-Polymer Coated (neno coating) European W. C. Size 390 X 365 X 540mm with solid poly propelyne made soft closing seat cover							
		JAUAR OR EQUIVALENT MAKE	each	6				6.00	
			each				Total Qty.	6.00	
3	18.82	Providing and fixing CP jet assembly to including connection etc complete.	each	6				6.00	
			each				Total Qty.	6.00	
4	17.7	Providing and fixing toilet paper holder : C.P. brass	each	6				6.00	
			each				Total Qty.	6.00	
5	25.7	Providing and fixing white vitreous china type Anti germ Fluoro-Polymer Coated Wash Basin size 160x580x450mm with C.I. Brakets, 15 mm C. P. wall mounted pressmatic pillar cock auto closing system (decol technology), 15mm quarter turn angular stop cock, 32 mm C.P. brass made waste coupling length 130mm and 32 mm C.P. Brass Made Bottle Trap size 200x300mm fittings and fixures complete including Painting of fittings and cutting and making good the wall and floors wherever required :							
	25.7.1	White Vetricous China Anti germ Fluoro-Polymer Coated Wash Basin Size 160x580x450 mm with basin mounted pressmatic pillar cock auto closing system (decol technology).							
		JAUAR OR EQUIVALENT MAKE	each	11				11.00	
			each				Total Qty.	11.00	
6	17.64	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.							
	17.64.2	Flexible pipe							
	17.64.2.1	32 mm.	each	11				11.00	
			each				Total Qty.	11.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
7	18.53	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.							
	18.53.1	15mm nominal bore, 90mm long. Weighing not less than 93 gms.	each	12				12.00	
			each				Total Qty.	12.00	
8	25.18	Providing and fixing in position best indian (bonut size 24mm, ceramic disc size 19mm and min. body thickness 2mm, nickel plating. 10 micron and chrome plating 0.3 micron, quarter turn)Angular stop cock.							
		JAUAR OR EQUIVALENT MAKE	each	12				12.00	
			each				Total Qty.	12.00	
9	25.19	Providing and fixing in position best indian (bonut size 24mm, ceramic disc size 19mm and min. body thickness 2mm, nickel plating 0.10 micron and chrome plating 0.3 micron, quarter turn)Bib cock.							
		JAUAR OR EQUIVALENT MAKE	each	12				12.00	
			each				Total Qty.	12.00	
10	25.26	Providing and fixing in position best indian single Lever Auto mixing Basin Mixer (Cartridge Size 32mm,nickel plating 0.10 micron and chrome plating 0.3 micron) For Wash Basin area use only .							
		JAUAR OR EQUIVALENT MAKE	each	12				12.00	
			each				Total Qty.	12.00	
11	17.73	Providing and fixing CP brass towel rail of approved quality and make							
	17.73.2	450x20mm	each	11				11.00	
			each				Total Qty.	11.00	
12	17.75	Providing and fixing CP brass soap dish of approved quality and make	each	11				11.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			each					Total Qty.	11.00
13	18.69	Providing and fixing PTMT grating of approved quality and colour.							
	18.69.1	Circular type							
	18.69.1.1	100 mm nominal dia.	each	25					25.00
			each					Total Qty.	25.00
	18.69.1.2	125 mm nominal dia with 25 mm waste hole.							
		WASH BASIN	each	11					11.00
			each					Total Qty.	11.00
14	17.68	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shape with 6 mm thick hard board backing :							
	17.68.2	Rectangular shape 453x357mm	each	11					11.00
			each					Total Qty.	11.00
15	17.36	Providing and fixing plain bend of required degree.							
	17.36.1	100 mm dia minimum wall thickness 6.5mm							
	17.36.1.2	Sand cast iron SandS as per IS : 3989	each	30					30.00
			each					Total Qty.	30.00
	17.36.2	75 mm dia minimum wall thickness 6.5mm							
	17.36.2.2	Sand cast iron SandS as per IS : 3989	each	25					25.00
			each					Total Qty.	25.00
16	17.57	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :							
	17.57.2	100 mm inlet and 75 mm outlet							
	17.57.2.2	Sand Cast iron SandS as per IS-1729.							
		BATH ROOM	each	12					12.00
			each					Total Qty.	12.00
17	17.55	Providing lead caulked joints to sand cast iron/ centrifugally cast (spun) iron pipes and fittings of diameter:							
	17.55.1	100mm	each	35					35.00

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Rem ark
1	2	3	4	5	6	7	8	9	10
			each					Total Qty.	35.00
	17.55.2	75mm	each	30					30.00
			each					Total Qty.	30.00
18	17.32	Providing and fixing soil, waste and vent pipes:							
	17.32.1	100 mm dia. Pipe minimum wall thickness 5mm							
	17.32.1.1	Sand cast iron SandS pipe as per IS: 1729.	meter	1	50.00				50.00
			meter					Total Qty.	50.00
	17.32.2	75 mm dia. Pipe minimum wall thickness 5mm							
	17.32.2.1	Sand cast iron SandS pipe as per IS: 1729.	meter	1	50.00				50.00
			meter					Total Qty.	50.00
19	17.91	Painting sand cast iron/centrifugally cast (spun) iron soil, waste vent pipes and fittings with two coats of synthetic enamel paint of any colour such as chocolate grey, or buff etc. over a coat of primer (of approved quality) for new work:							
	17.91.1	100 mm diameter pipe	meter	1	120.00				120.00
			meter					Total Qty.	120.00
	17.91.2	75 mm diameter pipe	meter	1	45.00				45.00
			meter					Total Qty.	45.00
20	17.35	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.							
	17.35.1	100 mm dia minimum wall thickness 6.5mm							
	17.35.1.2	Sand cast iron SandS as per IS - 3989	each	1	40.00				40.00
			each					Total Qty.	40.00
	17.35.2	75 mm dia minimum wall thickness 6.5mm							
	17.35.2.2	Sand cast iron SandS as per IS - 3989	each	3	12.00				36.00
			each					Total Qty.	36.00
21	17.37	Providing and fixing heel rest sanitary bend							
	17.37.1	100 mm dia minimum wall thickness 6.5mm							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Rem ark
1	2	3	4	5	6	7	8	9	10
	17.37.1.2	Sand cast iron SandS as per IS - 3989	each	1	36.00			36.00	
			each				Total Qty.	36.00	
	17.37.2	75 mm dia minimum wall thickness 6.5mm							
	17.37.2.2	Sand cast iron SandS as per IS - 3989	each	1	12.00			12.00	
			each				Total Qty.	12.00	
22	17.41	Providing and fixing single equal plain junction of required degree :							
	17.41.1	100x100x100 mm minimum wall thickness 6.5mm							
	17.41.1.2	Sand cast iron SandS as per IS - 3989	each	1	18.00			18.00	
			each				Total Qty.	18.00	
23	17.52	Providing and fixing door piece, insertion rubber washer 3mm thick, bolts and nuts complete :							
	17.52.1	100mm							
	17.52.1.2	Sand cast iron SandS as per IS - 3989	each	1	18.00			18.00	
			each				Total Qty.	18.00	
24	17.53	Providing and fixing terminal guard:							
	17.53.1	100mm							
	17.53.1.2	Sand cast iron SandS as per IS - 3989	each	1	18.00			18.00	
			each				Total Qty.	18.00	
	17.53.2	75 mm							
	17.53.2.2	Sand cast iron SandS as per IS - 3989	each	1	19.00			19.00	
			each				Total Qty.	19.00	
25	17.54	Providing and fixing collar:							
	17.54.1	100mm							
	17.54.1.2	Sand cast iron SandS as per IS - 3989	each	1	12.00			12.00	
			each				Total Qty.	12.00	
26	17.34	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10cm of Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) including cost of cutting holes and making good the walls etc. :							
	17.34.1	For 100 mm dia. Pipe	each	1	40.00			40.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos.	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			each					Total Qty.	40.00
	17.34.2	For 75 mm dia. Pipe	each	1	15.00				15.00
			each					Total Qty.	15.00
27	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work including cutting							
	18.8.1	15 mm nominal outer dia .Pipes.	meter	1	120.00				120.00
			meter					Total Qty.	120.00
	18.8.2	20 mm nominal outer dia .Pipes.	meter	1	100.00				100.00
			meter					Total Qty.	100.00
	18.8.3	25 mm nominal outer dia .Pipes.	meter	1	100.00				100.00
			meter					Total Qty.	100.00
28	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer in Charge. External work							
	18.9.3	25 mm nominal outer dia .Pipes.	meter	1	100.00				100.00
			meter					Total Qty.	100.00
	18.9.4	32 mm nominal outer dia .Pipes.	meter	1	150.00				150.00
			meter					Total Qty.	150.00
	18.9.5	40 mm nominal outer dia .Pipes.	meter	1	50.00				50.00
			meter					Total Qty.	50.00

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	18.9.6	50 mm nominal outer dia .Pipes.	meter	1	50.00			50.00	
			meter					Total Qty.	50.00
	18.9.7	62.50 mm nominal outer dia .Pipes.	meter	1	50.00			50.00	
			meter					Total Qty.	50.00
	18.9.8	75 mm nominal outer dia .Pipes.	meter	1	30.00			30.00	
			meter					Total Qty.	30.00
29	18.34	Providing and fixing CPVC gate valve with knob of approved quality.							
	18.34.1	25 mm nominal bore	each	1	20.00			20.00	
			each					Total Qty.	20.00
	18.34.2	32 mm nominal bore	each	1	15.00			15.00	
			each					Total Qty.	15.00
	18.34.3	40 mm nominal bore	each	1	10.00			10.00	
			each					Total Qty.	10.00
	18.34.4	50 mm nominal bore	each	1	8.00			8.00	
			each					Total Qty.	8.00
30	18.49	Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank	lts.	3				3000.00	
			lts.					Total Qty.	3000.00
31	18.72	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball.							
	18.72.3	25 mm nominal bore, 152mm long. Weighing not less than 440 gms.							
			each	3				3.00	
			each					Total Qty.	3.00

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Rem ark
1	2	3	4	5	6	7	8	9	10
32	18.73	Providing and fixing Unplasticised P.V.C. connection pipe with PTMT Nuts collar and bush of approved quality and colour.							
	18.73.2	15 mm nominal bore with 45 em length.							
			each	11				11.00	
			each				Total Qty.	11.00	
33	18.36	Providing and fixing gun metal non-return valve of approved quality (screwed end):							
	18.36.1.2	25 mm nominal bore..							
		verticle	each	6	1.00			6.00	
			each				Total Qty.	6.00	
	18.36.2.2	32 mm nominal bore..							
		verticle	each	4	1.00			4.00	
			each				Total Qty.	4.00	
	18.36.3.2	40 mm nominal bore..							
		verticle	each	2	1.00			2.00	
			each				Total Qty.	2.00	
	18.36.4.2	50 mm nominal bore..							
		verticle	each	2	1.00			2.00	
			each				Total Qty.	2.00	
34	18.78	Cutting holes upto 15x15 em in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1cement: 2 sand: 4 graded stone aggregate 20 mm nominal size) including finishing complete so as to make it leak proof.							
			each	1	25.00			25.00	
			each				Total Qty.	25.00	
35	18.10	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall							
	18.10.3	25 mm nominal outer dia .Pipes.							
			meter	1	50.00			50.00	
			meter				Total Qty.	50.00	
	18.10.4	32 mm nominal outer dia .Pipes.							
			meter	1	40.00			40.00	
			meter				Total Qty.	40.00	
	18.10.5	40 mm nominal outer dia .Pipes.							
			meter	1	35.00			35.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
			meter					Total Qty.	35.00
	18.10.6	50 mm nominal outer dia .Pipes.	meter	1	25.00				25.00
			meter					Total Qty.	25.00
36	17.14	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and							
	17.14.2	Kitchen sink without drain board							
	17.14.2.2	610x460 mm bowl depth200 mm.	each	1	3.00				3.00
			each					Total Qty.	3.00
37	19.7	Providing and fixing square-mouth S.W. gully trap class SP1 complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design :							
	19.7.2	150 x 100 mm size P type.							
	19.7.2.1	With well burnt bricks	each	10					10.00
			each					Total Qty.	10.00
38	12.31	Providing, fixing and embedding sand cast iron accessories for rain water pipes in the masonry surrounded with 12 mm thick cement mortar of the same mix, as that of masonry (lead caulking will be paid for separately)							
	12.31.2	Sand cast iron plain shoes :	each	8					8.00
	12.31.2.2	100 mm diameter	each					Total Qty.	8.00

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
39	18.42	Constructing masonry Chamber 60x45x50 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 sand) for water meter complete with C.I. double flap surface box 400x200x200 mm (inside) with locking arrangement and RCC top slab 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement :							
	18.42.1	With common burnt clay bricks of 25 kg /sqcm compressive strength.	each	6				6.00	
			each					Total Qty.	6.00

NON-SOR ITEMS

n+1								cell Detail 1 c (n+1)	
n+2								cell Detail 1 c (n+2)	
n+3								cell Detail 1 c (n+3)	
n+n'								cell Detail 1 c (n+n')	
	Signature	Consultants						EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	
		Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN					ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-

PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub | 1

Name of Project Sub | SITE DEVELOPMENT

S.No. of Component : q

Name of Component : Landscaping
Paver Block

Abstract Of Cost						
All Amount in Rs.						1019923
S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
	2.1.1	All kinds of soil.	SQM	3.80	722.70	2,746.26
	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)				
	2.6.1	All kind of soil	CUM	152.00	116.10	17,647.20
3	11.84	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand),including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).				
			CUM	18.24	6097.50	1,11,218.40

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
4	11.74	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness and size/shape, made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of stone dust, compacting and proper embedding/laying of inter locking paver blocks into the bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand including locking edges with M 15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications and direction of Engineerin- Charge. 60mm thick C.C. paver block of M-35 grade with approved colour, design and pattern.	SQM	1406.00	631.80	8,88,310.80
SUB TOTAL SOR ITEMS						10,19,922.66
NON-SOR ITEMS						
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						10,19,923.00
Signature	Consultants					
	Department		<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN								
S.No. of Project Sub Head :-	1								
Name of Project Sub Head	SITE DEVELOPMENT								
S.No. of Component :-	q								
Name of Component :-	Landscaping Paver Block								

Quantity Sheet
(Separate for each Sub Head Components in the Project)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
		PAVER BLOCK							
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.							
	2.1.1	All kinds of soil.	100 Per Sq.m.	1	380.00	4.00		3.80	
							TOTAL	3.80	
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is							
	2.6.1	All kind of soil		1	380.00	4.00	0.10	152.00	
		PATHWAY	CUM				Total	152.00	
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :							
	4.1.2	With 40mm nominal size graded stone aggregate.							
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)		1	380.00	1.50	0.10	57.00	
		PATHWAY		2	380.00	0.15	0.10	11.40	
		KERB STONE	CUM				Total	68.40	
4	11.84	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand),including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).							
		KERB STONE		2	380.00	0.08	0.30	18.24	
			CUM				Total	18.24	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
5	11.74	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness and size/shape, made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of stone dust, compacting and proper embedding/laying of inter locking paver blocks into the bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand including locking edges with M 15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications and direction of Engineer-in- Charge. 60mm thick C.C. paver block of M-35 grade with approved colour, design and pattern.							
		PATHWAY	0	1	380.00	3.70		1406.00	
			SQM				Total	1406.00	

NON-SOR ITEMS

n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n'								cell Detail 1 a (n+n')	

	Signature	Consultants					
		Department	<p style="text-align: center;">SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN</p>	<p style="text-align: center;">ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN</p>	<p style="text-align: center;">EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN</p>		

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
S.No. of Project Sub Head	N + 1
Name of Project Sub Head	SITE DEVELOPMENT
S.No. of Component :-	k
Name of Component :-	External Water Supply

Abstract Of Cost
(Separate for each Sub Head Components in the Project)

All Amount in Rs: 156366

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
		Boring				
1	16.1	Boring/drilling bore well of required dia perfectly vertical to receive casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.				
	16.1.1	All types of soil				
	16.1.1.3	200 mm dia.	METER	50.00 ✓	405.90	20,295.00
						0.00
	16.1.2	Rocky strata including Boulders.				0.00
	16.1.2.3	200 mm dia.	METER	40.00 ✓	621.00	24,840.00
						0.00
2	16.2	Boring/drilling bore well of required dia perfectly vertical to receive casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.				
	16.2.2	Rocky strata including Boulders.				0.00
	16.2.2.2	200 mm dia.	METER	10.00 ✓	590.40	5,904.00
						0.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	16.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings and accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.				0.00
	16.3.3	200 mm nominal dia(minimum wall thickness 10mm)	METER	60.00 ✓	503.10	30,186.00
						0.00
4	16.9	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:				0.00
	16.9.3	200 mm dia	EACH	1.00 ✓	439.20	439.20
						0.00
5	16.10	Providing and fixing M.S. clamp of required dia made of 100 x10 mm flat to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts and nuts of required size complete.				0.00
	16.10.3	200 mm clamp.	EACH	1.00 ✓	1152.90	1,152.90
						0.00
6	16.15	Providing and placing in position hand pump of India mark II of approved quality for 40 mm diameter G.I. pipe complete with all accessories.	EACH	1.00 ✓	756.90	756.90
						0.00
7	19.31	Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20m long complete as per standard design.	EACH	1.00 ✓	2854.80	2,854.80
						0.00
8	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.External work :				0.00
	18.12.4	32 mm dia nominal bore	METER	100.00 ✓	279.00	27,900.00
	18.12.5	40 mm dia nominal bore	METER	100.00 ✓	361.80	36,180.00
						0.00
9	18.33	Providing and fixing gun metal gate valve with brass Jever handle of approved quality.				0.00
	18.33.2	32 mm nominal bore.	EACH	4.00 ✓	377.10	1,508.40
	18.33.3	40 mm nominal bore	EACH	4.00 ✓	441.90	1,767.60

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
10	16.8	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level and draw down etc. by step draw down method, collecting water samples and getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire and labour charges of air compressor, tools and accessories etc., all as per requirement and direction of Engineer-in-charge.	HOUR	6.00 ✓	430.20	2,581.20
SUB TOTAL SOR ITEMS						1,56,366.00
NON-SOR ITEMS						
n+1				cell Detail N + 1 k (n+1)		
n+2				cell Detail N + 1 k (n+2)		
n+3				cell Detail N + 1 k (n+3)		
n+n'				cell Detail N + 1 k (n+n')		
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						1,56,366.00
Sign	Consultants			ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS.PG COLLEGE AT DISTT. - UJJAIN
S.No. of Project Sub Head :-	N + 1
Name of Project Sub Head :-	SITE DEVELOPMENT
S.No. of Component :-	k
Name of Component :-	External Water Supply

Quantity Sheet
(Separate for each Sub Head Components in the Project)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
		Boring							
1	16.1	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.							
	16.1.1	All types of soil							
	16.1.1.3	200 mm dia.	METER	1			50.00	50.00	
			METER				TOTAL	50.00	
	16.1.2	Rocky strata including Boulders.	METER	1			40.00	40.00	
	16.1.2.3	200 mmdia.	METER				TOTAL	40.00	
2	16.2	Boring/drilling bore well of required dia perfectly vertical to receive casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire and running charges of all equipments, tools, plants and machineries required for the job, all complete as per direction of Engineer -in-charge, upto 90 metre depth below ground level.							
	16.2.2	Rocky strata including Boulders.							
	16.2.2.2	200 mm dia.	METER	1			10.00	10.00	
			METER				TOTAL	10.00	
3	16.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings and accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.							
	16.3.3	200 mm nominal dia.(minimum wall thickness 10mm)	METER	1	60.00			60.00	
			METER				TOTAL	60.00	
4	16.9	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:							
	16.9.3	200 mm dia	EACH	1				1.00	
			EACH				TOTAL	1.00	
5	16.10	Providing and fixing M.S. clamp of required dia made of 100 x10 mm flat to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts and nuts of required size complete.							
	16.10.3	200 mm clamp	EACH	1				1.00	
			EACH				TOTAL	1.00	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
6	16.15	Providing and placing in position hand pump of India mark II of approved quality for 40 mm diameter G.I. pipe complete with all accessories.	EACH	1				1.00	
			EACH				TOTAL	1.00	
7	19.31	Constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20m long complete as per standard design.	EACH	1				1.00	
			EACH				TOTAL	1.00	
8	18.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. External work :							
	18.12.4		METER	100				100.00	
	18.12.5		METER	100				100.00	
9	18.33	Providing and fixing gun metal gate valve with brass Jever handle of approved quality.							
	18.33.2	32 mm nominal bore.	EACH	4				4.00	
	18.33.3	40 mm nominal bore	EACH	4				4.00	
10	16.8	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level and draw down etc. by step draw down method, collecting water samples and getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire and labour charges of air compressor, tools and accessories etc., all as per requirement and direction of Engineer-in-charge.	HOUR	6				6.00	
							TOTAL	6.00	
NON-SOR ITEMS									
	n+1							cell Detail N + 1 k (n+1)	
	n+2							cell Detail N + 1 k (n+2)	
	n+3							cell Detail N + 1 k (n+3)	
	n+n'							cell Detail N + 1 k (n+n')	
Sign	Consultants								
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN					

Name of Project:-

PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub N + 1**Name of Project** SITE DEVELOPMENT**S.No. of Component** m**Name of Component** Sewer & Waste water Line**Abstract Of Cost**

(Separate for each Sub Head Components in the Project)

All Amount 93761

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)				
		All kind of soil	CUM	20.25	116.10	2,351.03
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : M - 15				
	4.1.2	With 40mm nominal size graded stone aggregate.				
	4.1.2.3	With Sewer bricks conforming to IS : 4885	CUM			
			CUM	4.50	3126.00	14,067.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	19.9	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 sand) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design				
	19.9.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :				
	19.9.1.1	With well burnt bricks	METER	7.00	7197.30	50,381.10
4	19.8	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 sand) including testing of joints etc. complete :				
	19.8.2	150 mm dia. R.C.C. pipe	METER	100.00	256.50	25,650.00
5	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.				
			CUM	20.25	64.80	1,312.20
SUB TOTAL SOR ITEMS						93,761.33

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
n+1				cell Detail N + 1 m (n+1)		
n+2				cell Detail N + 1 m (n+2)		
n+3				cell Detail N + 1 m (n+3)		
n+n'				cell Detail N + 1 m (n+n')		
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						93,761.00
Signature	Consultants					
	Department		<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	

Name of Project:- PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub N + 1

Name of Project Sub SITE DEVELOPMENT

S.No. of Component :- m

Name of Component :- Sewer & Waste water Line

Quantity Sheet

(Separate for each Sub Head Components in the Project)

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
DR ITEMS									
Sewer & Waste water Line									
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)							
		All kind of soil	CUM	1	100.00	0.45	0.45	20.25	
			CUM				TOTAL	20.25	
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : M - 15							
	4.1.2	With 40mm nominal size graded stone aggregate.							
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)	CUM	1	100.00	0.45	0.10	4.50	
			CUM				TOTAL	4.50	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
3	19.9	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 sand) R.C.C. top slab with Cement Concrete 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design							
	19.9.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg)							
	19.9.1.1	With well burnt bricks	EACH	7				7.00	
			EACH				TOTAL	7.00	
4	19.8	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 sand) including testing of joints etc. complete :							
	19.8.2	150 mm dia. R.C.C. pipe	METER	100.00				100.00	
			METER				TOTAL	100.00	
5	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.							
			CUM					20.25	
			CUM				TOTAL	20.25	
I-SOR ITEMS									
n+1								cell Detail N + 1 m (n+1)	
n+2								cell Detail N + 1 m (n+2)	
n+3								cell Detail N + 1 m (n+3)	
n+n'								cell Detail N + 1 m (n+n')	
Sign	Consultants								
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN				SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN					
S.No. of Project Sub Head :-	N + 1					
Name of Project Sub Head :-	SITE DEVELOPMENT					
S.No. of Component :-	p					
Name of Component :-	Boundary wall					

**Abstract Of Cost
(Separate for each Sub Head Components in the Project)**

S.No.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by				
	2.6.1	All kinds of soil.	CUM	433.95	116.10	50,381.60
2	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)				
	2.26.1	All kinds of soil.	CUM	69.53	27.00	1,877.31
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.2	With 40mm nominal size graded stone aggregate.				
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)	CUM	23.18	3126.60	72,474.59
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	4.1.2	With 40mm nominal size graded stone aggregate.				
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)	CUM	8.40	3126.60	26,263.44

S.No.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as				
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)				
	5.42.1.1	M-20	CUM	111.26	5685.30	6,32,546.48
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as				
	5.42.1	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.				
	5.42.1.1	M-20	CUM	7.42	5685.30	42,184.93

S.No.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	11868.00	60.00	7,12,080.00
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	CUM	233.18	64.80	15,109.87
9	2.28.1	Supplying and filling in plinth with hard muram/hard copra having MDD not Less than 2.0 t/m ³ under floors including watering ramming compacting (minimum comaction 95% of MDD) in layers not exceeding 20 cm in thickness and dressing complete (Note: - Miximum thickenss of this layer to be provided shall be 30 cm)	CUM	49.97	270.00	13,490.96
10	2.28.2	Supplying and filling in plinth withsoil (Other than B.C. Soil having MDD not Less than 1.85 t/m ³ under floors including watering ramming compacting (minimum comaction 95% of MDD) in layers not exceeding 15 cm in thickness and dressing complete	CUM	49.97	225.00	11,242.46
11	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				
	6.7.3	having 50 kg l cmz average compressive strength				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	CUM	62.26	4535.10	2,82,355.33

S.No.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
12	13.1	12 mm cement plaster of mix :				
	13.1.2	1:6 (1 cement : 6 sand)	SQM	441.49	99.00	43,707.51
13	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :				
	13.2.2	1:6 (1 cement : 6 sand)	SQM	441.49	115.20	50,859.65
14	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.	SQM	518.80	16.65	8,638.02
15	10.22	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
	10.22.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	KG	500.00	76.59	38,295.00
16	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.	SQM	882.98	66.60	58,806.47
17	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:				
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	SQM	882.98	78.30	69,137.33
NON-SOR ITEMS						21,29,450.95
n+1					cell Detail N	
n+2					cell Detail N + 1 p (n+2)	
n+3					cell Detail N + 1 p (n+3)	
n+n'					TOTAL	21,29,450.95
Signature		Consultants				
		Department				
			<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	

Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN								
S.No. of Project Sub Head :-		N + 1								
Name of Project Sub Head		SITE DEVELOPMENT								
S.No. of Component :-		P								
Name of Component :-		Boundary wall								
Quantity Sheet (Separate for each Sub Head Components in the Project)										
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark	
1	2	3	4	5	6	7	8	9	10	
SOR ITEMS										
1	2.6	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)								
	2.6.1	All kinds of soil.								
		Boundary Wall Column	CUM	103	1.50	1.50	1.80	417.15		
		Beam Bottom for Levelling Purposes	CUM	1	280.00	0.30	0.20	16.80		
			CUM				TOTAL	433.95		
2	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)								
	2.26.1	All kinds of soil.								
		Boundary Wall Column	CUM	103	1.50	1.50	0.30	69.53		
			CUM				TOTAL	69.53		
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :								
	4.1.2	With 40mm nominal size graded stone aggregate.								
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M-7.5)								
		Boundary Wall Column	CUM	103	1.50	1.50	0.10	23.18		
			CUM				TOTAL	23.18		
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level ;								
	4.1.2	With 40mm nominal size graded stone aggregate.								
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M-7.5)								
		Plinth Beam (200 x 300 mm)	CUM	1	280.00	0.30	0.10	8.40		
			CUM				TOTAL	8.40		

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,							
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Boundary Wall Column	CUM	103	1.30	1.30	0.40	69.63	
		Column (200 x 300 mm)	CUM	103	0.20	0.30	1.30	8.03	
		Boundary Wall Top Beam	CUM	1	280.00	0.30	0.20	16.80	
		Plinth Beam (200 x 300 mm)	CUM	1	280.00	0.30	0.20	16.80	
			CUM				TOTAL	111.26	
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,							
	5.42.1	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.							
	5.42.1.1	M-20							
		Column (200 x 300 mm)		103	0.20	0.30	1.20	7.42	
			CUM				TOTAL	7.42	
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	100						
		Steel = @ Kg./Cum	CUM					118.68	
			Kg				TOTAL	11868.00	
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.							
		Total Excavated Area of Earth	CUM	1				433.95	
		Deduction R.C.C Area	CUM	1				-100.84	
		Total Filling Qty	CUM				TOTAL	333.11	
		Used Filling Qty	CUM				TOTAL	233.18	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
9	2.28.1	Supplying and filling in plinth with hard muram/hard copra having MDD not Less than 2.0 t/m ³ under floors including watering ramming compacting (minimum comaction 95% of MDD) in layers not exceeding 20 cm in thickness and dressing complete (Note: - Miximum thickenss of this layer to be provided shall be 30 cm)							
		Total Filling Qty.	CUM					99.93	
		50 % of the TOTAL	CUM					49.97	
			CUM				TOTAL	49.97	
10	2.28.2	Supplying and filling in plinth with soil (Other than B.C. Soil having MDD not Less than 1.85 t/m ³ under floors including watering ramming compacting (minimum comaction 95% of MDD) in layers not exceeding 15 cm in thickness and dressing complete							
		qty B/F vide same as item no. 2.28.1	CUM					49.97	
			CUM				TOTAL	49.97	
11	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :							
	6.7.3	having 50 kg 1 cmz average compressive strength							
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)							
		Brick Work 200 mm Thick	CUM	1	259.40	0.20	1.20	62.26	
			CUM				TOTAL	62.26	
12	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		Plaster Wall	SQM	1	259.40		1.70	440.98	
		Boundary Wall Column	SQM	103	0.30		1.70	0.51	
			SQM				TOTAL	441.49	
13	13.2	15 mm cement plaster on the rough side of single or half brick wall of mix :							
	13.2.2	1:6 (1 cement : 6 sand)							
		Plaster Wall	SQM	1	259.40		1.70	440.98	
		Boundary Wall Column	SQM	103	0.30		1.70	0.51	
			SQM				TOTAL	441.49	
14	5.24	Providing for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.							
		Brick Wall	RM	2			259.40	518.80	
			SQM				TOTAL	518.80	
15	10.22	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.							
	10.22.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.							
		GATE		1	5.00		2.00	10.00	
			SQM				TOTAL	10.00	
		50 KG /SQM							
		Total	KG					500.00	
			KG				TOTAL	500.00	
16	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.							
			SQM					882.98	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
17	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade.							
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm).							
		Qty Same as Per as Plaster work	SQM	1				882.98	
			SQM				TOTAL	882.98	

NON-SOR ITEMS

n+1								cell Detail N + 1 p (n+1)	
n+2								cell Detail N + 1 p (n+2)	
n+3								cell Detail N + 1 p (n+3)	
n+n'								cell Detail N + 1 p (n+n')	

Signature	Consultants			
	Department		<p>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN</p>	<p>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN</p>

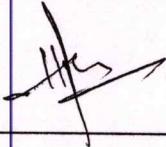
Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
S.No. of Project Sub	N + 1
Name of Project Sub	SITE DEVELOPMENT
S.No. of Component	m
Name of Component	ROADS

Abstract Of Cost

All Amount in 1068398

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
		ROAD				
1	3.10	Construction of embankment/subgrade with approved material/selected soil having CBR >5 (Unless specified otherwise in th contract) obtained from excavation of borrow pits i/c all lifts & leads i/c grading to required slope & camber and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement of Table 300.1, 300.2 and as per relevant clause of section 300.	CUM	804.38	144.00	1,15,830.72
					0.00	0.00
2	4.1	Granular Sub-base with Well Graded Material (CBR>30 or more) (Table:- 400-1 & Table 400-2) Construction of granular sub-base by providing well graded material like natural sand crushed gravel or crushed stone having CBR >30, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator or plant mix method at OMC, and compacting with vibratory rollers of 80 to 100 kN static weight to achieve the desired density, complete as per Clause 401 of Specification. Note :- This item can be executed only after prior written approval by C.E	CUM	166.65	764.10	1,27,337.27
					0	0.00

No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	6.1 P-26	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing and as per relevant clauses of section-600				
					0.00	0.00
		6.2 Deduct from Item No.6.1 above if paver with electronic sensor, vibratory roller are not used and laying, compaction is done by any other method. (The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality control measures shall be the same as in case of machine laid work.) . @ 150 .00 PER CUM				
			CUM	78.38	2198.70	1,72,334.11
					0	0.00
4	6.4 P-26	Cement Concrete Pavement (Construction of un-reinforced, dowel jointed, plain cement concrete pavement M-30 grade concrete over a prepared sub base with cement , coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, admixtures as approved, curing compound, finishing to lines and grades as per drawing as per IRC 15 2011 and as per relevant clauses of section 602 of specifications complete but excluding cost of steel in dowel bar and tie				
					0.00	0.00

No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
		6.5 Deduct from Item No.6.3 & 6.4 above if paver with electronic sensor is not used and laying, compaction is done by any other method (The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality control measures shall be the same as in case of machine laid work.) @ 350.00 PER CUM	CUM	123.75	4841.10	5,99,086.13
					0	0.00
5	4.13(B)	Construction of Shoulders with approved material/selected soil i/c excavation all lifts & leads i/c grading to required slope & camber of 4% and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement as per relevant clause of 400.			0	0.00
		Hard Shoulders (CBR value >12)	CUM	270.60	180.90	48,951.54
					0.00	0.00
6	6.12 (I) P-27	Add extra in Item No.6.3 & 6.7 above for the cost of steel in dowel bar and tie rod etc. required as per design.	MT	0.12	39258.90	4,858.29
SUB TOTAL SOR ITEMS						10,68,398.06
NON SOR ITEMS						
+1				cell Detail N + 1 m (n+1)		
+2				cell Detail N + 1 m (n+2)		
+3				cell Detail N + 1 m (n+3)		
-n'				cell Detail N + 1 m (n+n')		
SUB TOTAL NON SOR ITEMS						0
TOTAL SOR + NON SOR ITEMS						10,68,398.00
Signature	Consultants					
	Department			<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>

Name of Project:- PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub He N + 1

Name of Project Sub H SITE DEVELOPMENT

S.No. of Component :- m

Name of Component :- ROADS

Quantity Sheet

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
		RCC DRAIN							
1	3.10	Construction of embankment/subgrade with approved material/selected soil having CBR >5 (Unless specified otherwise in the contract) obtained from excavation of borrow pits i/c all lifts & leads i/c grading to required slope & camber and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement of Table 300.1, 300.2 and as per relevant clause of section 300.							
		(10.75+8.75) / 2		1	165.00	9.75	0.50	804.38	
			CUM				TOTAL	804.38	
2	4.1	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with on prepared surface, mixing by mix in place method at OMC, and compacting with vibratory roller to achieve the desired density, complete in all respect and as per relevant clauses of section-400							
		i) for grading- I Material		1	165.00	5.05	0.20	166.65	
			CUM				TOTAL	166.65	
3	6.1 P-26	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing and as per relevant clauses of section-600							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		6.2 Deduct from Item No.6.1 above if paver with electronic sensor, vibratory roller are not used and laying, compaction is done by any other method. (The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality control measures shall be the same as in case of machine laid work.) @ 150.00 PER CUM		1	165.00	4.75	0.10	78.38	
			CUM				TOTAL	78.38	
4	6.4 P-26	Cement Concrete Pavement (Construction of un-reinforced, dowel jointed, plain cement concrete pavement M-30 grade concrete over a prepared sub base with cement, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant,							
		6.5 Deduct from Item No.6.3 & 6.4 above if paver with electronic sensor is not used and laying, compaction is done by any other method (The acceptance criteria regarding level, thickness, surface regularity, texture finish, strength of concrete and all other quality control measures shall be the same as in case of machine laid work.) @ 350.00 PER CUM		1	165.00	3.75	0.20	123.75	
			CUM				TOTAL	123.75	
5	4.13(B)	Construction of Shoulders with approved material/selected soil i/c excavation all lifts & leads i/c grading to required slope & camber of 4% and compacting using vibratory roller of 80 to 100 kN static weight to meet requirement as per relevant clause of 400.							
		Hard Shoulders (CBR value >12)		1	165.00	7.75	0.50	639.38	
		Total Qty. (6.75+8.75)/2						-166.65	
		Deduction GSB Qty						-78.38	
		Deduction Qty for DLC						-123.75	
		Deduction Qty for M-30 Grade Concrete							
			CUM				TOTAL	270.60	
6	6.12 (I) P-27	Add extra in Item No.6.3 & 6.7 above for the cost of steel in dowel bar and tie rod etc. required as per design.							
		Tor steel 25mm Dia Qty. As Per Item No. 4			123.75		0.60	74.25	
		12 mm Dia Qty. As Per Item No. 4			123.75		0.40	49.50	
								123.75	
			MT				TOTAL	0.12	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
NON-SOR ITEMS									
n+1									cell Detail N + 1 m (n+1)
n+2									cell Detail N + 1 m (n+2)
n+3									cell Detail N + 1 m (n+3)
n+n'									cell Detail N + 1 m (n+n')

		Consultants					
	Signature	Department					
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN		

Name of Project:-	CONSTRUCTION OF AUDITORIUM AT KALIDAS KANYA MAHAVIDHYALAY AT UJJAIN (M.P)				
S.No. of Project Sub	1				
Name of Project	AUDIORIUM				
Sub Head :-	BUILDING				
S.No. of Component	i				
Name of Component	Fire				

Abstract Of Cost
(Separate for each Sub Head Components in the Project)

All Amount 116640

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7

SOR ITEMS

1	26.28	Providing and fixing of ABC Powder type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube 30 ems long high pressure discharge hose, discharge nozzle				
	26.28.5	Capacity 9.00 kg	EACH	9.00	4080.00	36720.00
2	26.27	Providing and fixing of carbon-di-oxide type fire extinguishers consisting of welded M.S. cylindrical body, squeeze lever discharge valve fitted with pressure indicating guage internal discharge tube 30 ems long high pressure discharge hose, discharge no				
	26.27.3	Capacity 4.50 kg	EACH	9.00	8880.00	79920.00
SUB TOTAL SOR ITEMS						116640.00

NON-SOR ITEMS

+1				cell Detail 1 i (n+1)		
n+2				cell Detail 1 i (n+2)		
n+3				cell Detail 1 i (n+3)		
n+n'				cell Detail 1 i (n+n')		
SUB TOTAL NON SOR ITEMS						0.00
TOTAL SOR + NON SOR ITEMS						116640.00

Signature	Consultants			
	Department	<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>

xviii	Door operation : Automatic electric power operated door ,full height infra red curtainwith multiple crisis/cross light beams.				
xix	Car interior : S.S. (stainless steel) panel with hair line finish on all sides.				
xx	Car floor: Anti skid PVC flooring on heavy duty MS (MILD STEEL) platform				
xxi	Car ceiling & lighting: (SS stainless steel)finishes with aesthetic appearnace with LED ceiling lights.				
xxii	Car ventilation : Pressure fan/ Blower fan (car fan with automatic sleep timer shall be provided)				
xxiii	Emergency lighting in car : Battery operated emergency lighting in the lift car.				
xxiv	Intercom system: battery operated intercom system in the lift cars,machine room and ground floor / control room.				
xxv	Emergency alarm : battery operated alarm bell system in lift car & control room/ground floor.				
xxvi	Position of machine room : Directly above hoist way.				
xxvii	Electric power supply : AC 415 V ,3 Phase 50Hz & AC 230v 1 phase 50hz terminated in machine room.				
xxviii	Fire man switch: Fire man switch at machine room /terminal landing.				
xxix	All car panel buttons and all floor switches must be with brail language as per lift act .				
xxx	Audio visual indication in the lift car showing overloading shall be provided such that doors kept open till excess load is removed .				
xxxi	Spring buffer/Hydraulics buffers shall be provided.				
xxxii	Mechanical over speed governor ,door keys holes in the floor doors shall be provided.				
xxxiii	Lift machine hoisting arrangement in the lift machine room and monkey ladder for lift pit should be provided by the lift agency ,along with the other steel sturcture works ,foundations for machines etc.				
xxxiv	In the hoist way fascia plate shall be provided.				
xxxv	Permanent wiring in the lift machine room and lift well with proper no. of light points with fixtures ,exhaust fan ,plug points and 3 phase 440v power supply shall be made available by the department in lift shaft ,machine room or at desired level.				
xxxvii	ARD (Automatic rescue device): Solid state inbuilt automatic rescue device (ARD) For automatically rescues passengers trapped in the lift car in between floors in the event of power failure ,automatic operation and immediate action in the events mains failure capable to move the lift to the nearest landing ,opens the automatic door of the lift car and door . Sealed maintanance free battry backup with automatic charging unit and auto changeover device on mains failure.				

a)	Passenger capacity				
	iii) 8 passenger (544 Kg)	Each	1	1485000	1485000
b)	Add extra for higher speed				
	i) For Higher Speed 1.5 Meter /Sec (For 4-10 Passenger)	Each	1	81000	81000
c)	Add extra for every additional floor beyond initial G+1 Floors (additional stops beyond two stops) provide all necessary additional parts /equipments as per manufacturers requirements.				
	i) cost for each additional floor : upto 9 stops (for 4-10 passengers)	Each	2	67500	135000
d)	Add extra for Machine room less (MRL) lift in place of machine room directly above the hoist way.				
	i) Extra cost for machine room less (4-13 passenger)	Each	1	135000	135000
f)	Add extra for hall lantern and arrival gong system.				
	i) Extra cost per floor per lift	Each	4	18000	72000
g)	Add Extra Cost for moon rock finish S.S. (Stainless Steel) panel				
	i) for 4-10 passenger	Each	1	162000	162000
	Total				2070000



PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

SOR Items						
S. No.	sor.no.	ITEMS DESCRIPTION	Quantity	Unit	Rate	Amount
1	4	Point wiring (excluding metallic switch box & sheet but including switches, sockets, lamp holders/ceiling roses etc) with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI Marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit including painting etc. as required as per specification for :-			Using Modular Accessories	
	4.1	Light Point/Fan Points.				
		a) Short point	23	Each	354.6	8155.80
		b) Medium point	74	Each	603.9	44688.60
		c) Long point	129	Each	974.7	125736.30
2	4.2	3 Pin 6 Amp socket outlet on Separate Board				
		a) Short point	36	Each	452.7	16297.20
		b) Medium point	8	Each	702	5616.00
		c) Long point	30	Each	1072.8	32184.00
3	4.3	Call Bell / Buzzer Points				
		c) Long point	2	Each	884.7	1769.40
	4.4	Twin Control light points			0	
		c) Long point	3	Each	1156.5	3469.50
4	4.5	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification on same board .	27	Each	256.5	6925.50
5	4.6	Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size including painting etc. as required as per specification				
		a) 2x2.5 Sq.mm.	750	Metre	105.3	78975.00
		b) 4x2.5 Sq.mm.	180	Metre	158.4	28512.00
		c) 6x2.5 Sq.mm.	100	Metre	202.5	20250.00
		d) 8x2.5 Sq.mm.	210	Metre	249.3	52353.00
6	9.1	Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. Socket Outlet Point With 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in Concealed rigid P.V.C.Conduit (HMS) ISI Marked of suitable size including painting etc. with 16 Amp. F.T. Switch & Socket / S.S.Combined 16 Amp. of ISI Marked and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit as per specification for :-				
		A. Short Point	2	Each	734.40	1468.80
		B. Medium Point	5	Each	1201.50	6007.50
		C. Long Point	6	Each	1737.00	10422.00
		D. Extra Long -I	3	Each	2378.70	7136.10
		E. Extra Long -II	3	Each	3075.30	9225.90
		F. Extra Long -III	2	Each	3773.70	7547.40
7	16	Supplying and fixing PVC conduit ISI marked alongwith the accessories in concealed system including painting etc. as required				
	16.1	PVC . Conduit 20 mm (HMS)	60	Metre	54.9	3294.00
	16.2	PVC . Conduit 25 mm (HMS)	200	Metre	64.8	12960.00
8	18.2	Supplying and fixing of approved make modular type metal box with modular frame/ base plate and cover plate including fixing in concealed / surface excluding switch,socket etc. as required for:-				
	18.2.1	1 Or 2 Module	5	Each	140.4	702.00
	18.2.2	3 Module	102	Each	187.2	19094.40
	18.2.3	4 Module	1	Each	212.4	212.40

	18.2.4	6 Module	5	Each	293.4	1467.00
	18.2.5	8/9Module	5	Each	360.0	1800.00
	18.2.6	12 Module	4	Each	438.3	1753.20
	18.2.7.	16 Module	17	Each	478.80	8139.60
	18.2.08	18 Module	1	Each	504.00	504.00
9	19	Supplying and drawing single core PVC insulated cable FR with copper multi strand conductor ISI marked in existing rigid PVC Casing-N-Capping / conduit in surface or concealed as per specification				
	19.1.3	3 X 1.5 sq mm	50	p/mt	45.9	2295.00
	19.2	2.5 Sq mm cable				
	19.2.1	1 X 2.5 sq mm	2250	p/mt	27	60750.00
	19.2.3	(c) 3 X 2.5 sq mm	50	p/mt	70.20	3510.00
	19.3	4.00 Sq mm cable				
	19.3.3	3 X 4.00 sq mm	50	p/mt	99.9	4995.00
10	23	Wiring for sub-mains with PVC insulated cable FR with copper multi strand conductor ISI marked in recessed / concealed rigid PVC conduit (HMS) ISI marked of suitable size(Conduit included) including 2mm thick accessories, connection etc ,as required as per specification				
	23.4	4 WIRE SUB-MAIN				
	23.4.4	10.0 sq mm cable in 32 mm conduit	60	p/mt	387.9	23274.00
11	27.1	Supplying of ISI Marked and approved make of Moulded Case Circuit Breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, AC supply with respective interrupting capacity (KA) at 415 Volts cited against their range standard conforming to IS - 8828				
	27.1.2	MCCB with Breaking Capacity 25 KA at 415 V				
	27.1.2.1	Current Rating -25 to100 Amps & 80% -100% adjustable	1	Each	5040.9	5040.90
12	27.5	Supplying of ISI Marked and accepted standard of Miniature Circuit Breaker (MCB) of 'C' series suitable for 240/415 Volts, 50 Cycle , 10 KA Value AC supply conforming to IS : 8828 : 1996, IEC : 60898 -2002 but without enclosures :-				
	27.5.1	SINGLE POLE (SP)				
	27.5.1.2	6 Amp to 32 Amp Rating	54	Each	184.5	9963.00
	27.5.4	FOR TRIPLE POLE (TP)				
	27.5.4.4	50 Amp to 63 Amp Rating	4	Each	1374.3	5497.20
	27.5.06	FOUR POLE (FP)				
	27.5.6.4	50 Amp to 63 Amp Rating	4	Each	1777.50	7110.00
13	27.8	Supplying of approved make TPN MCB DB Metal Double Door IP 43 protection with provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCBs as outgoing inclusive of Busbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator);				
	27.8.03	6 way (8+18)	3	Each	3285.00	9855.00
14	27.10	Supplying of approved make, powder coated Metal Double Door Vertical TPN MCB DB IP 43 protection with provision for MCCB up to 160A TP/FP 36kA as incomer and space for SP/TP MCBs as outgoing (without MCCB / MCBs) inclusive of bus bar & connections etc				
	27.10.1	4 way without MCCB	1	Each	7668.9	7668.90
15	27.12	Supplying & fixing of approved make Industrial type metal plug & socket DBs (without MCB) SPN sheet encloser (dust protected) inclusive of 2 pole and earth metal plug and socket and space to incorporate SP MCB complete as per specification as required.				
	27.12.2	20 Amps	3	Each	982.8	2948.40
16	28.4	Fixing of MCB /MCCB/ Isolator in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (labour only)				
	28.4.1	MCB / Isolator SP/DP	54	Each	9.9	534.60
	28.4.2	MCB /MCCB Isolator TP /TPN/FP	8	Each	19.8	158.40
17	28.7	Labour charges for fixing sheet steel enclosures, MCB DB flush mounting type, as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection etc.complete :-				
		FOR S.No :-				

	28.7.1	27.7.1 to 27.7.7 ; 27.8.1 to 27.8.3 & 27.9.1,	3	Each	208.8	626.40
	28.7.2	27.8.4 & 27.8.5 ; 27.9.2 to 27.9.3 ; 27.10.1 to 27.10.3 &	1	Each	243.90	243.90
18	29.3	Supplying and fixing as per specification Call bell / buzzer of approved make with necessary materials complete.				
	29.3.2	Ding Dong bell	2	Each	96.3	192.60
19	29.31	Supplying and fixing of approved make step type Modular electronic Fan regulator including connection etc. as required on existing board				
	29.31.2	100 Watt (2 module)	49	Each	620.1	30384.90
20	30.1	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required confirming to IS :374/1979 with up to date amendments.				
	30.1.1	Ceiling Fan ISI marked-1200 mm Sweep ,with minimum air delivery 210 m3/min and service value >=4.00 as per BEE	48	Each	2048.4	98323.20
	30.1.03	Ceiling Fan ISI marked-1400 mm Sweep ,with minimum air delivery 245 m3/min and service value.>=4.10 as per BEE	1	Each	2357.1	2357.10
21	30.6	Supplying, erecting and testing of approved make Exhaust Fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt/ Anchor hole fastners etc. complete finished of approved as required.				
	30.6.01	300mm sweep 900 RPM	3	Each	2626.2	7878.60
	380mm	380mm sweep 900 RPM	4	Each	3105.0	12420.00
22	31.22	Supply and fixing Led tube rod comprising of LED tube with non integral / integral driver, 6500K color temp having 40000 burning hrs life with minimum @ L 70, system lumen output should be minimum with efficacy > 80 lm/W. LED driver PF 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Submission LM 80-08 Form LED Source Manufacturer & LM79-08 / IS16106 from NABL approved lab. Manufacturer mandatory i/c connection wire, testing etc. to complete the job. 2 Yrs Guarantee certificate from manufacturer				
	31.22.4	LED Retrofit tube only 18/20/22W 3 - 6K without box suitable for replacing existing 36/40W FTL	68	Each	839.7	57099.60
23	31.23	Supply & fixing Mounting rail / Batten made of CRCA powder coated with suitable lamp holding brackets for LED Tube rod 1200mm Single on wall / ceiling including connection testing etc complete as required.	68	Each	488.7	33231.60
24	32.5	Providing and fixing circular/Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140mm, 73mm height, top lid of 1.5mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron/M.S. sheet box by mean of 3.3mm dia. round headed screws, one lock at the corners. Clamp shall be made of 12mm dia M.S. bar bent to shape as per standard drawing.	49	Each	126	6174.00
25	37.3	Earthing with G.I. Earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (but without charcoal or coke and salt) complete as required.	2	Each	2655.90	5311.80
26	37.5.1	Add Extra for using salt and charcoal / coke for G.I. Plate or Copper plate earth electrode as required including excavation & refilling.	2	Each	1656.90	3313.80
27	37.14	Providing & fixing 25mm X 5mm copper strip on surface or recessed for connection etc. as required.	50	p/mt	727.20	36360.00
28	37.15	Providing and fixing 25mm X 4mm G.I. strip on surface or in recessed/concealed for connection etc. as required.	50	p/mt	110.70	5535.00
29	37.16	Providing and fixing 6 SWG (5.6mm) G.I. wire on surface or in recessed/concealed for loop earthing as required.	50	p/mt	17.00	850.00

30	37.39	Supplying and drawing PVC insulated copper cable (Earth Continuity Conductor) of Green colour FR with copper multi strand conductor ISI marked in existing conduit along with other wires as required as per specification :				
	37.39.3	10 Sq mm	60	p/mt	79.20	4752.00
31	38.2	Supplying and drawing following pair of 0.5 mm size solid annealed copper conductor PVC Insulated telephone cable as per DOT Specifications in existing surface / concealed steel / PVC Conduit / Casing-N-Capping as required				
	38.2.2	(ii) 2 Pair	100	Metre	9.9	990.00
32	38.3	Supply installation, testing commissioning of 0.5 mm size Solid annealed copper, Jelly Filled Telephone Cables, Polythene Insulated, Petroleum Jelly Filled with Poly-al laminate moisture barrier, Polythene Sheathed, Unarmoured Polythene Jacketed Telephone Cables as per DOT Specifications of following sizes				
	38.3.01	10 Pair	30	Metre	63.0	1890.00
33	38.4	Supply, Installation testing and commissioning of telephone Tag block Krone connector with enclosure and lock complete as mentioned below :-				
	38.4.01	10 Pair	1	each	236.7	236.70
34	38.6	Supply, fixing and testing of RJ 11 telephone jack modular (1 Module)	3	each	116.1	348.30
35	38.9	Supply, Installation testing and commissioning RJ - 45 Computer Jack cat 6 with shutter Modular (1Module)	1	each	441.9	441.90
36	38.11	Supplying and drawing 4 pair shielded, 0.5 mm PVC insulated copper conductor un-armoured Cat-6 computer cable FR in existing surface / concealed ,steel / PVC. Conduit/Casing-N-Capping as required	100	per Mtr	41.4	4140.00
37	38.12	Supply, Installation testing and commissioning of patch cord as mentioned below :-				
	38.12.1	CAT 6 RJ45 Patch Cord F/UTP 1 Mtr.	1	each	366.3	366.30
	38.12.2	CAT 6 RJ45 Patch Cord F/UTP 2 Mtr.	1	Each	405.00	405.00
38	41.1	Supply of XLPE Insulated power cable (confirming IS-7098Part-1) 1100 Volt grade, 1 core /2 core /3½ core/4 core ISIMARKED with Alu. Stranded /solid conductor				
	41.1.8	ARMOURED 3½ CORE				
	41.1.8.3	50 Sq.mm	50	p/mt	360.90	18045.00
	41.1.10	4 CORE ARMOURED				
	41.1.10.3	16 Sq.mm.	20	p/mt	177.30	3546.00
39	41.5	Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc. as per specification complete.				
	41.5.03	Gland size 28mm for 3/4 x 16 Sq.mm	8	Each	63.00	504.00
	41.5.04	Gland size 32mm for 2/3, 3½, 4 x 25 Sq.mm OR 2/3, 3½ x 35 Sq.mm OR 2/3 x 50 Sq.mm.	2	Each	72.00	144.00
40	41.7	Supplying and fixing cramping type Alum. lugs as per I.S.S.Specification suitable for following size of cable with Alu./Copper solid/stranded conductor evenly cramped with high/pressure tool and connected to switch gear/Bus/M.C.C.B./ M.C.B.				
	41.6.06	50.00 Sq.mm	8	Each	4.5	36.00
41	41.16	Laying of one number armoured / unarmoured power cable 1.1.kV grade of size exceeding 25Sq.mm but not exceeding 120 Sq.mm direct in ground including excavation in all soil / murrum / soft rock, sand cushioning, protective covering and refilling the pit etc. as required.	50	p/mt	189.90	9495.00

	41.21	Laying of one number armoured / unarmoured power cable 1:1 kV grade of size not exceeding 25 Sq.mm in the existing RCC Hume/Stone ware/G.I. pipe / surface in existing trench as required.	20	p/mt	22.50	450.00
42	43.A.3	Supplying fixing of Essential additional Accessories to EPABX System of approved make with all necessary material as required as per				
	43.A.3.10	4 Push Button CLI Phone	3	Each	645.30	1935.90
					Total sor item	1008295.60

GOVERNMENT OF MADHYA PRADESH



**मध्य प्रदेश गृह निर्माण
एवं
अधोसंरचना विकास मण्डल**

**M.P. HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD ,
UJJAIN**

**PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS
GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN**

PROJECT COST :- 20.64 LACS

TECHNICAL - REPORT

1 NAME OF WORK:-		PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
2 DEPARTMENT:-		
3 LOCATION :- (Place and District)		UJJAIN (M.P)
4 AMOUNT OF ESTIMATE (IN LAKHS):-		0.00
5 AUTHORITY :- (Competent Authority to Sanction Estimates)		0
6 LAND :- (Size/Area)		105.40 SQM
1 Plot/Land Area (in hectares) :-		.0105 HECTARES
2 Adjoining Land Mark :-		
3 Land use of other adjoining land :-		PSP
7 HISTORY :-		
8 NECESSITY :- (Reason/Justification/Need for proposed construction)		AS PER AUTHORITIES CONSTRUCTION OF EXTENSION OF SAMUDAYIK SWASTHY KENDRA AT GARHAKOTA, DISTT SAGAR (M.P)
9 STANDARDS APPLICABLE :- (e.g.NBC,IPHS,MCI,MP Bhumi Vikas Adhiniyam,Kendriya Vidhyalaya certification,AICTE,GAD,AAI,ISHRAE,PCB,NEC, GRIHA,AERB etc.)		MP Bhumi Vikas Adhiniyam, National Building Code (N.B.C.)
10 FACILITY PROVIDED IN PROPOSED PROJECT :-		
1 Building Works:- (Classrooms/ Office/ Reception/Waiting/lab/ Computer room/ Library/Dormitory/Kitchen/Store /Pantry/ Laundry/ Wards/ OT/OPD/ Labour room/ICCU / Court rooms/ Malkhana/Bed rooms/ Suites/ Basement use, If any etc.)		Total area :- 105.40 SQM
		Ground Floor
		RAMP

				First Floor
				RAMP
	2	Amenities:- (Rain Water Harvesting/ Solar Water heating/HVAC/Lifts/ Escalators/Fire/Building Management System, etc.)		N.A,
	3	Site Development:- (Approach Road/ Internal Road/External electrification/ Streetlight/External water Supply/Hardscape/Landscape / Sports field/Sports Facility/Parking/Boundary Wall/ Surface Drain etc) :-		N.A,
	4	Built Up Area :- (Sqm.)		Total area :- 105.40 SQM
	5	Number of Stories (Floors)		Ground Floor + 1
	6	Drawing Reference :-		
	11 TECHNICAL PROVISIONS FOR :-			
	BUILDING WORKS			
	a)	WORK BELOW PLINTH		
	1	Foundation :-		
		i	Average Depth of Foundation :- (Mts.)	2.70 meter
		ii	Type :- (Open(column footing) / Pile/ Raft etc.)	Open foundation with columns & footings
		iii	Grade of Concrete :- (e.g. M 15 /M 20/ M 25 etc.)	PCC with M 15 and footing & columns with M20 grade of concrete.
	2	Basement :-		
		i	Area :- (Sqm.)	N.A
		ii	Ceiling Height :- (mts.)	N.A
		iii	Flooring :- (e.g. CC /Kota/ Tiles etc.)	N.A
		iv	Water proofing, if any :- (e.g. Kota etc.)	N.A
	3	Plinth/Under Floor Filling :-		
		i	Plinth Height :- (Mts.)	1 meter above from O.G.L (Original Ground Level)

	ii	Average Bottom Layer thickness of Soil other than BC Soil below top layer of sand and middle layer of copra :-	1. Soil (Other than B.C. Soil having MDD not Less than 1.85 t/m^3 :- 0.30 m thick or as required 2. Hard muram/hard copra having MDD not Less than 2.0 t/m^3 :- 0.30 m thick layer 3. Stone dust :- 0.10 m thick layer
b) WORKS ABOVE PLINTH			
1	Super Structure :-		
	i	Type :- (e.g. Load Bearing, RCC Frame etc.)	R.C.C. Frame Work
	ii	Grade of Concrete :- (e.g. M 20, M 25 etc.)	M 20
2	Stilt Parking, if any :-		
	i	Area :- (Sqm.)	N.A.
	ii	Parking Capacity : (No. of car and bike parking)	N.A.
	iii	Ceiling Height :- (Mts.)	N.A.
	iv	Flooring :- (e.g. CC/ CC tiles/ Endura tiles/ Kota/Stone Flooring/ Paver Block etc.)	N.A.
3	Walls :-		
	i	Material :- (e.g. Bricks/Fly Ash Bricks/ AAC Blocks/ ACC panels etc.)	FLY ASH BRICK
	ii	Jointing Mortar :- (e.g. C.M. 1:4/1:6 or Adhesive etc.)	CEMENT MORTAR
4	Roof :- (e.g. Soft roof (AC/GI/ Acrylic/ PUF/ Galvalumium) Clay tile/ RCC/Prestressed/ Precast panels/AAC panels etc.)		RCC
5	Inner Plaster :-		
	i	Type :- (e.g. Cement Mortar/Synthetic/Textured etc.)	Cement Mortar
	ii	Thickness :- (e.g. 12 mm/ 15 mm etc.)	1. Concrete surface :- 6 mm 2. Plaster in internal wall face :- 6/8 mm
	iii	Mix-Ratio :- (e.g. 1:4 /1:6 etc.)	1. 6mm mortar in CM 1:3 2. 6/8mm mortar in CM 1:6
6	Outer Plaster :-		
	i	Type :- (e.g. Cement Mortar/Sand faced/ Washed stone grit/ Synthetic/Textured etc.)	Cement Mortar
	ii	Thickness :- (e.g. 15 mm/ 18 mm/ 20mm/ as per item etc.)	Cement plaster (6mm)

	iii	Mix-Ratio :- (e.g. 1:4 / 1:6/ as per item etc.)	Plaster cement plaster (6mm mortar in CM 1:6) & Synthetic as per manufacturer
7		Finishing (Inner):- (e.g. Putty/Distemper/Paint/Texture etc.)	Walls :- Multi Surface Delux Paint Celing :- Distemper
8		Finishing (Outer):- (e.g. Putty/Distemper/ Paint/ Texture/Stone dry Cladding/ Glazing/ ACP/Cement Board etc.)	Walls :- Multi Surface Delux Paint
9		Window :-	
	i	Frames :- (e.g. (Powder Coated/Anodised) Aluminium / UPVC/ MS - Tubular/ Pressed steel frame/ Wooden/ Angle iron etc.)	ALUMINUM
	ii	Shutters :- (e.g. Wooden/ (Powder Coated/Anodised) Aluminium/ UPVC/ MS tubular/ Glazed/ Panelled/ steel etc.)	ALUMINUM
	iii	Shutter Panels :- (e.g. Glass/ MS sheet/ Cement board/APP board/ Wooden Ply/ACP etc.)	Glazed
	iv	Grills :- (e.g. Pipe tubes/ Square Bars/ Flats/ Aluminium etc.)	MS Grill
	v	Flyproof mesh :-	N.A.
10		Doors :-	
	i	Frames :- (e.g. MS Angle iron/Wood/Plastic wood /Granite/Concrete frame /UPVC/ Pressed steel/ Aluminium etc.)	N.A.
	ii	Shutters :- (e.g. Flush /PVC/ Aluminium/wooden/ MS sheet/ Grill/ Rolling/ Collapsible/ Rolling Grill etc.)	N.A.
	iii	Shutter Thickness :- (mm)	N.A.
11		Flooring Types :- (e.g. IT/Kota/Ceramic/Vitrified tiles/Granite/ Marble/Wooden/PVC/ Vinyle/Anti-Static Flooring/Mosaic/ Terrazo/ Sand stone/Cement Tiles etc.)	
	i	In Circulation Area :- (e.g. Corridor/Reception/ Waiting/ Lift Lobby /Dado etc.)	CHEQURED TILES
	ii	In Rooms and Usable Spaces :- (e.g. Principal /Warden/ classrooms/Dormitory / Laboratory/Multipurpose Hall/Kitchen etc.)	N.A.
	iii	Stair Cases :-	N.A.
	iv	Toilets :- (e.g. Floor etc.)	N.A.
12		DadoTypes :- (e.g. Kota/Rectified Ceramic Tiles/Vitrified tiles/Granite/ Marble/ Sand stone/Cement Tiles etc.)	
	i	In Circulation Area :- (e.g. Corridor/Reception/ Waiting/ Lift Lobby /Dado etc.)	N.A.
	ii	In Rooms and Usable Spaces :- (e.g. Ward/Dormitory / Laboratory/Dining Hall/ Kitchen/O.T. etc.)	N.A.
	iii	Stair Cases :-	N.A.
	iv	Toilets :- (e.g. Walls etc.)	N.A.

	13	Roof Treatment(Water Proofing) :- (e.g. Grading Concrete/ APP/ Chemical treatment etc.)	N.A.
	14	Roof Treatment(Heat insulation) (e.g. PUF) :-	F.R.P
c) Internal Water Supply ,Plumbing and Sanitary			
	1	Sanitary Fittings :- (e.g .Premium/Normal/CP/PTMT etc.)	N.A.
	2	Water Supply Pipes(Internal):- (e.g. GI/CPVC/PE-AL-PE etc.)	N.A.
	3	Drainage (Internal Soil & Waste water) :- (e.g. UPVC/ CI/AC etc.)	N.A.
	4	Drainage (Rain water) :- (e.g. UPVC/AC etc.)	N.A.
d) Internal Electrification			
	1	POINT Wiring in pvc conduit surface or concealed with pvc insulated copper conductor wire:- (e.g. Modular/Normal Flush Type)	Modular
	2	Distribution Boxes IP43 Powder Coated:- (e.g. Single Door/ Double door)	Single Door/ Double door
	3	MS Switch Boxes :- (e.g. Modular/ Non modular)	Modular
	4	Fans:- (e.g. 5 Star rating Energy saver50 W 1200mm/ Ornamental etc.)	5 Star rating Energy saver50 W 1200mm/1400mm
	5	Tubelight:- (e.g. T5/ Led type/ CFL type etc.)	T5
	6	Bulbs :- (e.g. CFL/ LED etc.)	CFL
	7	Down lighter(Size & Type) :- (e.g. T5/Led type/CFL type etc.)	N.A.
	8	Electrical Load (Kw) :-	
AMENITIES			
e) Rain Water Harvesting			
	1	Type of Recharge structures (e.g. Recharge through Abandoned Dug Well /Hand pump/Recharge Pit/Trench/Gravity Head Recharge Tube Well /Recharge Shaft)	N.A.
	2	Dia of Pipe (e.g. 50mm/75mm/100mm-PVC Rainwater Pipe):-	N.A.
	3	Nos. of Pipe Provided (e.g. 50mm-6.6 sq.m/ 75mm - 20.4 sq.m/ 100mm- 42.70 sq.m/125mm - 80.5 sq.m):-	N.A.
f) HVAC			

	1	Types :- (e.g. Window/Split/wall mounted/ ceiling mounted cassette,ductable /VRV/Water Chiller, etc.)	N.A.
	2	Names of area covered:- (e.g. Officers/Judge/OT/CU/ etc.)	N.A.
	3	Load :- (tonnes)	N.A.
	4	Capacity Provided :- (tonnes)	N.A.
g) Lifts/Elevators			
	1	Types :- (e.g. passenger, Stretcher, Goods etc.)	N.A.
	2	Capacity:- (e.g. No.of Passenger/Stretcher)	N.A.
	3	Numbers :-	N.A.
	4	Nos. Of Floors :-	N.A.
h) Solar Water Heating			
		(Yes/No)	No
i) Fire Fighting System			
	1	Types :- (e.g. Fire detection System(alarming)/Hydrant/wall mounted/ trolley mounted/fire extinguisher/Novac gas system)	N.A.
j) Miscellaneous			
	1	Solar lighting System, if any :- (e.g. With Batteries/ without batteries)	N.A.
	2	Furniture, if any :- (e.g. Chair/Table/Shelves/Cupboard)	N.A.
SITE DEVELOPMENT			
k) External Water Supply			
	1	Under Ground Store :-	
		i Size :-	N.A.
		ii Capacity:-	N.A.
		iii Location :-	N.A.
		iv Type of Water Proofing :- (e.g. Kota/ Ceramic Tile/ Vitrified Tile etc)	N.A.
	2	Over Head Storage :-	
		i Size :-	N.A.
		ii Capacity:-	N.A.
		iii Location :-	N.A.
		iv Type of Tank:- (e.g. Sintex/ RCC etc)	N.A.

	v	Type of Water Proofing :- (e.g. Kota/ Ceramic Tile/ Vitrified Tile etc)	N.A.
3		Type of Source :- (e.g. Tube well /Well/Municipal Pipeline etc.)	N.A.
4		Water Supply Pipes :- (e.g. GI/ Steel/ RCC etc.)	N.A.
5		Distance of Source :- (mts)	N.A.
6		Submersible Pump:- (e.g. Deep Well , Open Well, Centrifugal etc.)	
I) External Electrification			N.A
1		Loads :-	
2		Lines:- (11kv,33kv)	
3		Substation Type:- (e.g. conventional type/ Compact type/11kv /33 kv etc.)	
4		Distance from source:- (mts)	
5		Transformer:- (Capacity and NO.)	
6		Panels:- (e.g. LT/MV/ Indoor/ Outdoor)	
7		Poles:- (e.g. RS Joist/ H Beam /Rail Pole etc.)	
8		Steet Lights :- (e.g. MV/SV/MH/LED etc.)	
9		Street Light Poles:- (e.g. Tubular/Decorative/RS Joist/ H beam etc.)	
10		Diesel Generator Set:- (e.g. AMF/Without AMF)	N.A.
	i	Capacity:- (Kva)	N.A.
	ii	Numbers -	N.A.
11		CC Tv System, If any:- (Yes/No)	N.A.
12		LAN Networking, Telephone System EPABX System, If any:- (Yes/No)	N.A
13		Biometric Access Control:- (Yes/No)	N.A.
14		Building Management System:- (Yes/NO)	N.A.
m) Drainage (Open & Underground)			
1		Drainage Pipe (Underground External Soil & Waste water):- (e.g. SW /RCC / UPVC / CI etc.)	

	2	Surface Drain (Storm Water) :- (e.g.Open/Hume pipe/ RCC etc.)	
	i	Length :- (mts)	
	ii	Size of opening :- (BXD/Dia.)	
n)		Effluent Treatment	
	1	Type :- Septic Tank/Sewage Treatment Plant/Bio Digester etc.)	
	i	Design User Number :- (No.)	
	ii	Distance From Tank :- (mts)	
	iii	Recommended Size :- (LXBXD)	
	iv	Provided Size :- (LXBXD)	
o)		Roads	N.A.
	1	Approach Road & Internal Road :- (e.g. WBM/CC/BT etc.)	
	i	Length :- (mts)	
	ii	Width of Carriageway :- (mts)	
	iii	Hard Shoulder Width and Type :- (Murrum/Paverblock etc.)	
p)		Boundary Wall & Gate	N.A.
	1	Length :- (mts)	
	2	Height :- (mts)	
	3	Guard Room :- (Yes/NO)	
	4	Retaining Wall, If any :-	
q)		Landscaping	
	1	Hardscaping :- (e.g. paverblock/ StoneFlooring/ Cement Concrete etc.)	N.A.
	2	Softscaping :- (e.g. Soil/Murrum/Grass etc.)	
	3	Types and No.s of Plantation :- (e.g. Neem/ Gulmmohar/jatropha/karanj etc.)	
12		Steel Consumption :- (Kg/m ³)	N.A.

13	Soil Investigation Test, If Any :-	N.A.
14	SPECIFICATIONS :- (CPWD,BIS,MPPWD SOR etc.)	MPPWD , CPWD , BIS
15	RATES :- (MPPWD SOR,Non SOR etc.)	As per MPPWD building W.e.f SOR 01/08/2014 ,and Electrical SOR 01.08.2014 with upto date ammendments.
Consultants		
Department		

Name of Project:-

PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

Int Of Contract (PAC) :-

BILL OF QUANTITIES (BOQ)

Area of Building		Sq.m.		All Amount in Rs.		
S.N o.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
CIVIL WORKS						
SOR ITEMS (CIVIL)						
SUB TOTAL SOR ITEMS CIVIL WORKS						#REF!
NON-SOR ITEMS (CIVIL)						
SUB TOTAL NON SOR ITEMS CIVIL WORKS						#REF!
TOTAL SOR + NON SOR ITEMS CIVIL WORKS						#REF!
ELECTRICAL & MECHANICAL WORKS						
SOR ITEMS (E/M)						
1			sum of all quantities from all sub heads put to			
2			--do--			
3			--do--			
N			--do--			
SUB TOTAL SOR ITEMS ELECTRICAL & MECHANICAL WORKS						
NON-SOR ITEMS (E/M)						
N + 1			sum of all quantities from all sub heads put to			
N + 2			--do--			
N + 3			--do--			
N+N'			--do--			
SUB TOTAL NON SOR ITEM SELECTRICAL & MECHANICAL WORKS						
TOTAL SOR + NON SOR ITEMS ELECTRICAL & MECHANICAL WORKS						
GRAND TOTAL (=PAC):-						

Signature	Consultants				
	Department				

Name of Project:-	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
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PROJECT ABSTRACT

All Amount in Rs.									
S.No.	Name Of Project Sub Head	Built Up Area in Sq.m.	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.	
1	2	3	4	5	6	7	8	9	
1	RAMP	105.28	17,41,903.20	0.00	17,41,903.20	16,545.00	Format C - 1		
2	AMENITIES		0.00	0.00	0.00	0.00			
Sub Total (Building Works)			17,41,903.20	0.00	17,41,903.20	16,545.00			
1	SITE DEVELOPMENT		0.00	0.00	0.00		Format D		
Sub Total (All Development Works)			0.00	0.00	0.00				
TOTAL (All Building Works) & (All Development Works) (C) = (A + B)			17,41,903.20	0.00	17,41,903.20				
ADD 12 % FOR GST AS PER INSTRUCTION OF GOVT. OF INDIA			2,09,028.38	0.00	2,09,028.38				
TOTAL PROJECT COST (E) = (C) + (D)			19,50,931.58	0.00	19,50,931.58				
Add for supervision 5.5% charges					95,804.68				
Add for GST @ 18 % on supervision					17,244.84				
PROJECT TOTAL					20,63,981.10				
					Say	20.64 LACS			
					Say	0.00	LACS		
Signature	Consultants								
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN					

Name of Project:-	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN		
Name of Project Sub Head :-	RAMP		
Built up Area (in Sqm.) :-	105.28	SQM	

General Abstract-PROJECT SUB HEAD
(One for each Project Sub Head e.g. each Building)

All Amount in Rs.									
Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.	
1	2	3	4	5	6	7	8	9	
BUILDING WORKS	a	Civil Work Below Plinth Level	7,68,976.00	0.00	7,68,976.00	7,304.00	Format E 1 a		
	b	Civil Work above Plinth Level	7,97,070.00	0.00	7,97,070.00	7,571.00	Format E 1 b		
	c	Sanitary	0.00	0.00	0.00	0.00	Format E 1 c		
	d	Internal Electrification	1,75,857.20	0.00	1,75,857.20	1,670.00	Format E 1 d		
	Sub Total - BUILDING WORKS			17,41,903.20	0.00	17,41,903.20	16,545.00		
AMENITIES	e	Rain Water Harvesting	0.00	0.00	0.00	0.00	Format E 1 e		
	f	HVAC	0.00	0.00	0.00	0.00	Format E 1 f		
	g	Lifts/Elevators	0.00	0.00	0.00	0.00	Format E 1 g		
	h	Solar Heating/Power	0.00	0.00	0.00	0.00	Format E 1 h		
	i	Fire (.....nos 9.0 kg ABC cyclinder & nos 4.5 kg CO2 cyclinder)	0.00	0.00	0.00	0.00	Format E 1 i		
	j	Miscellaneous	0.00	0.00	0.00	0.00	Format E 1 j		
	Sub Total - AMENITIES			0.00	0.00	0.00	0.00		
TOTAL BUILDING NO. 1 (BUILDING WORKS + AMENITIES)			17,41,903.20	0.00	17,41,903.20	16,545.00			

Signature

Consultants			
Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

Name of Project:-	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN	
Name of Project Sub Head :-	SITE DEVELOPMENT	
Plot Area in Sq.m. :-	105.28	Sq.m.

General Abstract- Site Development
(One for Each Project)

All Amount in Rs.

Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs/Sqm.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
SITE DEVELOPMENT	k	External Water Supply (Boring 100 meter depth & Pipe Line 200 M)	0.00	0.00	0.00		Format E N + 1 k	
	l	External Electrification	0.00	0.00	0.00		Format E N + 1 l	
	m.1	Drainage (Sewer Line Length ...M)	0.00	0.00	0.00			
	m.2	Drainage (RCC Drain Length ...M)	0.00	0.00	0.00			
	n	Effluent Treatment (1X 150 users)	0.000	0.00	0.00		Format E N + 1 n	
	o	Roads (C.C. M Length)	0.00	0.00	0.00		Format E N + 1 o	
	p	Boundary Wall & Gate (... M Length &M Height)	0.00	0.00	0.00		Format E N + 1 p	
	q.1	Landscaping Paver Block	0.00	0.00	0.00		Format E N + 1 q	
	q.2	Landscaping Horticulture	0.00	0.00	0.00		Format E N + 1 q	
	r.1	Miscellaneous UTILITIES SHIFTING	0.00	0.00	0.00		Format E N + 1 r	
	r.2	Miscellaneous TREE CUTTING	0.00	0.00	0.00			
	r.3	Miscellaneous WATER CONNECTION CHARGES	0.00	0.00	0.00			
			Total C	0.00	0.00	0.00		

Signature	Consultants	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN
	Department			

Name of Project:-	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
Name of Project Sub Head :-	RAMP
Built up Area (in Sqm.) :-	105.28 SQM

**General Abstract-PROJECT SUB HEAD
(CIVIL WORK ABOVE PLINTH)**

						All Amount in Rs. 7,97,070.30		
Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
	b	Civil Work above Plinth Level					Format E 1 b	
	b.1	Ground Floor LEVEL I	7,97,070.30	0.00	7,97,070.30	7,570.96		
TOTAL CIVIL WORK ABOVE PLINTH			7,97,070.30	0.00	7,97,070.30	7,570.96		

Signature	Consultants			
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

Name of Project:- S.No. of Project Sub 1 Name of Project Sub RAMP S.No. of Component : a Name of Component : Civil Work Upto Plinth Level	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
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Abstract Of Cost

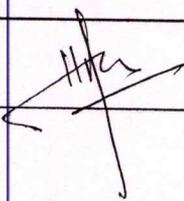
All Amount in Rs.

768976

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
SOR ITEMS						
Up to Plinth Level						
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.				
	2.1.1	All kinds of soil.	SQM	1.05	722.70	760.86
						0.00
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)				
	2.6.1	All kind of soil	CUM	113.40	116.10	13,165.74
						0.00
3	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)				
	2.26.1	All kinds of soil.	CUM	28.35	27.00	765.45
						0.00
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : M - 15				
	4.1.2	With 40mm nominal size graded stone aggregate.				0.00
	4.1.2.1	M 15 - Grade concrete	CUM	5.67	3962.70	22,468.51
						0.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				0.00
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)				
	5.42.1.1	M-20	CUM	29.28	5685.30	1,66,465.58
						0.00
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				0.00
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)				
	5.42.1.1	M-20	CUM	8.49	5685.30	48,268.20
						0.00
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				0.00
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	5287.80	60.00	3,17,268.00
						0.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.	CUM	106.80	64.80	6,920.64
						0.00
9	1.1	Transportation By Mechanical Transport including loading , unloading and stacking.				0.00
	1.1.2	Earth	CUM	26.21	186.34	4,884.33
						0.00
10	2.27	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth and dressing complete	CUM	105.28	604.80	63,673.34
						0.00
11	2.32	Preconstruction antitermite treatment to the building underconstruction by providing 1: Treating the bottom and the sides (up to 30cm hight of the excavated trench @litter per sqm of the surface area. Staa=e 2: After masonry/RCC work, the backfill in the immdiate contact with the foundation structure treatment .5 litter per sqm. of the vertical surface of the substructure for each side. Staa=e 3: surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @.0 litres/Sqm. Staa=e 4: Pumping the emulsion in plinth masonry on filling side at floor junction 5 litres/Sqm.				0.00
		Staa=e 5: Pumping the emulsion from outer side of the plinth below ground around the masonry <@.0 litres/Sqm as per I.S. 8944 Emulsion. (Ichlorpyrifos: 19 water with five years serv-ice guarantee (Measurements to be taken for plinth area)	SQM	10.53	122.40	1,288.87
						0.00
12	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyer belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to				0.00
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)				0.00

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
	5.42.1.1	M-20	CUM	10.53	5685.30	59,866.21
13	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	Kg	1053.00	60.00	63,180.00
						0.00
SUB TOTAL SOR ITEMS						7,68,975.73
NON-SOR ITEMS						
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						7,68,976.00
Signature	Consultants					
	Department					
			<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	

Name of Project:-		PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN								
S.No. of Project Sub Head		1								
Name of Project Sub Head		RAMP								
S.No. of Component :-		a								
Name of Component :-		Civil Work Upto Plinth Level								
Quantity Sheet (Separate for each Sub Head Components in the Project)										
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remarks	
1	2	3	4	5	6	7	8	9	10	
SOR ITEMS										
Up to Plinth Level										
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.								
	2.1.1	All kinds of soil.	100 Per Sq.m.	1	22.40	4.70		1.05		
TOTAL								1.05		
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)								
	2.6.1	All kind of soil								
		Footing F1	CUM	15	2.10	1.80	2.00	113.40		
Total								113.40		
3	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation. (No extra lift is payable if work is done by mechanical means)								
	2.26.1	All kinds of soil.								
		Footing F1	CUM	15	2.10	1.80	0.50	28.35		
Total								28.35		
4	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : M - 15								
	4.1.2	With 40mm nominal size graded stone aggregate.								
	4.1.2.1	M 15 - Grade concrete								
		Footing F1	CUM	15	2.10	1.80	0.10	5.67		
Total								5.67		
5	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to								

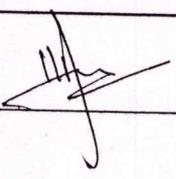
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
	5.42.1	All works up to plinth level (footing raft, pedestal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Column Footing Plain Area							
		Footing F1	CUM	15	1.90	1.60	0.50	22.80	
		Column UP TO PLINTH LVL							
		Column C1 (300MM X 600MM)	CUM	15	0.30	0.60	2.40	6.48	
							Total	29.28	
6	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vacuum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to							
	5.42.1	All works up to plinth level (footing raft, pedestal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		BEAMS							
		X - Dic							
		BEAMS	CUM	17	4.50	0.20	0.50	7.65	
		Y - Dic	CUM				Total (A)	7.65	
		BEAMS	CUM	2	4.20	0.20	0.50	0.84	
							Total (B)	0.84	
							Total (A+B+C)	8.49	
7	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786							
		Qty in Cum	140					37.77	
		Steel = 140 Kg/Cum	Kg					5287.80	
			Kg				Total	5287.80	
8	2.25	Filling available excavated earth (excluding hard rock/Ordinary rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.							

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		Column pit						141.75	
			CUM				Total	141.75	
		Deduction column, Footing & Base concrete on Plinth Beam						34.95	
			CUM				G.Total	106.80	
9	1.1	Transportation By Mechanical Transport including loading , unloading and stacking.							
	1.1.2	Earth (It assume that average Qty will be of Black cotton soil)						34.95	
		Quantities after deduction of 25 % for voids .						8.74	
			CUM				Total	26.21	
10	2.27	Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming consolidating in layers not exceeding 20cm in depth and dressing complete							
		Inside to Inside Area							
		BELOW RAMP	CUM	1	22.40	4.70	1.00	105.28	
			CUM				Total	105.28	
11	2.32	Preconstruction antitermite treatment to the building underconstruction by providing 1: Treating the bottom and the sides (up to 30cm high of the excavated trench @litter per sqm of the surface area. Staa=e 2: After masonry/RCC work, the backfill in the immdiate contact with the foundation structure treatment .5 litter per sqm. of the vertical surface of the substructure for each side. Staa=e 3: surface treatment by spreading emulsion over the plinth area before laying the base concrete under floors @.0 litres/Sqm. Staa=e 4: Pumping the emulsion in plinth masonry on filling side at floor junction 5 litres/Sqm.							
		Staa=e 5: Pumping the emulsion from outer side of the plinth below ground alround the masonry <@.0 litres/Sqm as per I.S. 8944 Emulsion. (Ichlorpyrifos: 19 water with five years serv-ice guarantee (Measurements to be taken for plinth area)							
		Total Plinth Area	SQM	1	105.28		0.10	10.53	
			SQM				Total	10.53	
12	5.42	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to							
	5.42.1	All works up to plinth level (footing raft, pedstal, RCC drain, RCC retaining wall, RCC abutments, RCC piers, plinth beam, grade slab, curtain wall, poles, RCC barrier etc.)							
	5.42.1.1	M-20							
		Inside to Inside Area							
		BELOW RAMP	CUM	1	22.40	4.70	0.10	10.53	
			CUM				Total	10.53	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remarks
1	2	3	4	5	6	7	8	9	10
13	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge							
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786							
		Qty in Cum	100					10.53	
		Steel = 100 Kg/Cum	Kg					1053.00	
			Kg					Total	1053.00
NON-SOR ITEMS									
n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n+n'								cell Detail 1 a (n+n')	
	Signature	Consultants							
		Department	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN				

FORMAT - E (One for each component of each Project Sub Head)							1	
Name of Project:-		PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN						
S.No. of Project Sub		1						
Name of Project		RAMP						
S.No. of Component		b						
Name of Component		Civil Work above Plinth Level						
Abstract Of Cost (Separate for each Sub Head Components in the Project)								
S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount		
1	2	3	4	5	6	7		
SOR ITEMS								
1	5.44	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,						
	5.44.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.						
	5.44.2.1	M-20	CUM	8.10	5270.00	42,687.00		
2	5.44	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vaccum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement,						
	5.44.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab						
	5.44.3.1	M-20	CUM	16.29	5390.00	87,803.10		

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid seperately as shown in the drawing and as per direction of engineer in charge				0.00
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786	KG	3414.60	60.00	2,04,876.00
						0.00
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :				0.00
	6.7.3	having 50 kg / cm2 average compressive strength				
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)	CUM	15.28	4535.10	69,296.33
5	13.8	6 mm cement plaster of mix :				0.00
	13.8.1	1:3 (1 cement: 3 sand)	SQM	61.00	86.40	5,270.40
						0.00
6	13.1	12 mm cement plaster of mix :				0.00
	13.1.2	1:6 (1 cement : 6 sand)	SQM.	161.31	99.00	15,969.69
						0.00
7	11.60	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness with water absorption's less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 sand) including grouting the joints with white cement with matching pigments etc., complete.				
			SQM.	70.00	792.00	55,440.00
						0.00
8	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.				
			SQM	161.31	66.60	10,743.25
						0.00
9	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade:				
						0.00
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).				
			SQM	161.31	78.30	12,630.57
						0.00

S.N o.	SOR ITEM NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
10	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners				0.00
			KG	222.00	714.38	1,58,592.36
11	10.20	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.				
		at @22 kg/sqm	KG	1540.00	61.83	95,218.20
12	10.27	Providing and fixing glass panes/ steel sheet/ Fibre sheet with putty and glazing clips in steel doors, windows, clerestory windows all complete.				
	10.27.4	with 2mm thick fibre reinforced polymer (FRP) sheet i/c 10mmx10mm x1.6mm box beading.				
			SQM	70.00	550.62	38,543.40
NON-SOR ITEMS						7,97,070.30
n+n'						
3 TOTAL NON SOR ITE						
AL SOR + NON SOR IT						
						7,97,070.00
Signature	Consultants					
	Department					
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	

Name of Project:-		PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN							FORMAT - F	b	1
S.No. of Project Sub		1									
Name of Project Sub		RAMP									
S.No. of Component :-		b									
Name of Component :-		Civil Work above Plinth Level									
Quantity Sheet											
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark		
1	2	3	4	5	6	7	8	9	10		
SOR ITEMS											
GROUND FLOOR											
1	5.44	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vacuum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevant IS codes and CPWD specifications only.(Note: Design mix shall have minimum cement content shall be 325									
	5.44.2	Above plinth upto Floor two level walls (any thickness) columns, pillars, piers, posts and struts etc.									
	5.44.2.1	M-20									
		Column C1 (300MM X 600MM)	CUM	15	0.30	0.60	3.00	8.10			
			CUM				TOTAL	8.10			
2	5.44	RCC with Shuttering Providing and laying/erecting design mix in-situ or precast or combination of in-situ and precast cement concrete of specified grade as per approved design for R.C.C work, prepared by only weigh batching and machine mixing at site/yard/RMC plant including transportation to any lead by any means such as chute, conveyor belt, truck, RMC transit mixer etc. placed/erected by any mechanical means such as bucket, hoist, pump, crane, hydra etc. including cost of all materials such as admixture/plasticizer to achieve designed retarded/accelerate setting time and suitable workability, centering, shuttering, strutting, compacting, vibrating, vacuum dewatering, curing by any means such as water, steam, curing compound etc. complete but excluding cost of reinforcement, as per direction of Engineer-in-charge. All works in compliance to relevant IS codes and CPWD specifications only. (Note: Design mix shall have minimum cement content									
	5.44.3	Suspended floors, roofs having slope of any degree, landings, balconies, access platform, floor beam, girders, bressumers and cantilevers, shelves, chajjas, lintels, bands, staircases and spiral stair cases, coffer slab									
	5.44.3.1	M-20									
		BEAMS									
		X - Dic									
		BEAMS	CUM	17	4.50	0.20	0.50	7.65			
		Y - Dic									
		BEAMS	CUM	2	4.20	0.20	0.50	0.84			
		Roof Slab 130 mm									
		RAMP	CUM	1	30.00	2.00	0.13	7.80			
							TOTAL (A)	16.29			
		(A+B+C+D+E+F)	CUM				TOTAL	16.29			
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding up to floor two level including cost of binding wire, all wastage and lappage /overlap (overlaps shall be provided as per requirement of IS 13920 for ductile detailing, IS 456 Design & SP 34 Reinforcement detailing) etc complete (Note :- Spacer bar (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge									
	5.16.6	Thermo-Mechanically Treated bars.(TMT) Fe 500 D conforming to IS 1786									

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
		COLUMN	140					8.10	
		SLAB & BEAM & LINTEL ,ALL Chajja + Door Lintel	CUM					16.29	
			CUM				TOTAL	24.39	
		Steel = 140 Kg/Cum	KG				TOTAL	3414.60	
4	6.7	Brick work with fly ash lime bricks (FALG Bricks) conforming to IS:12894-2002, in super structure above plinth level up to floor II level in :							
	6.7.3	having 50 kg/ cm ² average compressive strength							
	6.7.3.2	Cement mortar 1:6 (1 cement : 6 sand)							
		X-DIC							
		WALL	CUM	17	4.50	0.20	0.90	13.77	
							TOTAL (A)	13.77	
		Y - Dic							
		WALL	CUM	2	4.20	0.20	0.90	1.51	
							TOTAL (B)	1.51	
							TOTAL A+B	15.28	
							TOTAL	15.28	
5	13.8	6 mm cement plaster of mix :							
	13.8.1	1:3 (1 cement: 3 sand)							
		Roof Slab 130 mm							
		RAMP	SQM	1	30.00	2.00		60.00	
		BEAM	SQM	1	0.1	10.00		1.00	
							TOTAL (A)	61.00	
			SQM				TOTAL	61.00	
6	13.1	12 mm cement plaster of mix :							
	13.1.2	1:6 (1 cement : 6 sand)							
		X - DIRECTION							
		WALL	SQM	34	4.50		0.95	145.35	
		Y - DIRECTION							
		WALL	SQM	4	4.20		0.95	15.96	
			SQM				TOTAL(A)	161.31	
			SQM				TOTAL	161.31	
7	11.60	Providing and laying Antiskid floor tiles of any sizes, 12 mm thickness with water absorption's less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement :4 sand) including grouting the joints with white cement with matching pigments etc., complete.							
		RAMP	SQM	1	35.00	2.00		70.00	
							TOTAL	70.00	
8	13.41	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, Like birla white /JK white or equivalent, over the plastered wall surface to prepare the surface even and smooth ilc all cost of material, labour and scaffold etc in all position complete.							
								161.31	
								161.31	
9	13.55	Finishing walls with Acrylic Smooth exterior paint of required shade.							
	13.55.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/ 10 sqm).	SQM					161.31	
			SQM				TOTAL	161.31	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
10	10.25	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc. including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete i/c fixing the railing with necessary accessories and stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge. (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).							
		RAILING	SQM	17	4.00	1.00		68.00	
		STAIRCASE	SQM	2	3.00	1.00		6.00	
			SQM				TOTAL	74.00	
		3 KG / SQM	KG				TOTAL	222.00	
11	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.							
			SQM	1	35.00		2.00	70.00	
		at @22 kg/sqm	KG					1540.00	
12	10.27	Providing and fixing glass panes/ steel sheet/ Fibre sheet with putty and glazing clips in steel doors, windows, clerestory windows all complete.							
	10.27.4	with 2mm thick fibre reinforced polymer (FRP) sheet i/c 10mmx10mm x1.6mm box beading.	SQM	1	35.00		2.00	70.00	
							TOTAL	70.00	
NON-SOR ITEMS									
n+1								cell Detail 1 a (n+1)	
n+2								cell Detail 1 a (n+2)	
n+3								cell Detail 1 a (n+3)	
n+n'								cell Detail 1 a (n+n')	
	Signature	Consultants							
		Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN			ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN		EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJAIN	

**PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT.
GIRLS PG COLLEGE AT DISTT. - UJJAIN**

S.NO.	SOR N.	DESCRIPTION OF ITEM	UNIT	Qty	RATE (RS)	Amount (RS)
A		WIRING/CONDUTING/POWER WIRING/SUB MAIN/GI MODULAR BOXES				
2	4	Point wiring (excluding metallic switch box & sheet but including switches, sockets,lamp holders/ceiling roses etc)with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI Marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit including painting etc. as required as per specification for :-				
2.1	4.1	Light Point/Fan Points.				
		a) Short point	Each	2	354.6	709
		b) Medium point	Each	3	603.9	1812
		c) Long point	Each	5	974.7	4874
2.2	4.2	3 Pin 6 Amp socket outlet on Separate Board				
		a) Short point	Each	2	452.7	905
		b) Medium point	Each	2	702.0	1404
		c) Long point	Each	2	1072.8	2146
2.3	4.3	Call Bell / Buzzer Points				
		c) Long point	Each	1	884.7	885
2.4	4.4	Twin Control light points				
		b) Medium point	Each	1	730.8	731
2.5	4.5	Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification on same board .	Each	6	256.5	1539
3	19.	Supplying and drawing single core PVC insulated cable FR with copper multi strand conductor ISI marked in existing rigid conduit in surface or concealed as per specification.				
3.1	19.1	1.5 Sq mm cable				
3.1.2	19.1.2	2 X 1.5 sq mm	Metre	80	32.4	2592
3.1.3	19.1.3	3 X 1.5 sq mm	Metre	120	45.9	5508
8	23.	Wiring for sub-mains with PVC insulated cable FR with copper multi strand conductor ISI marked in recessed / concealed rigid PVC conduit (HMS) ISI marked of suitable size(Conduit included) including 2mm thick accessories, connection etc ,as required as per specification				
8.3	23.4	4 WIRE SUB-MAIN				
8.3.3	23.4.3	6.0 sq mm cable in 32 mm conduit	Metre	40	237.6	9504
		CONDUIT WORK				
		SUPPLYING AND FIXING PVC. CONDUIT FOR SURFACE CONDUIT SYSTEM				
10	16	Supplying and fixing PVC conduit ISI marked alongwith the accessories in concealed system including painting etc. as required				
10.2	16.2	PVC Conduit 25mm (HMS)	Meter	570	64.8	36936
		MODULAR BOXES ,POWER PLUGS, SUBMAIN				
10	18.2	Supplying and fixing of approved make modular type metal box with modular frame/ base plate and cover plate including fixing in concealed / surface excluding switch,socket etc. as required for:-				
10.1	18.2.1	1 Or 2 Module	Each	9	140.4	1264
10.2	18.2.2	3 Module	Each	4	187.2	749
B		DISTRIBUTION BOARD,MCB,RCBO,ETC.				

2	27.5	Supplying of ISI Marked and accepted standard of Miniature Circuit Breaker (MCB) of 'C' series suitable for 240/415 Volts, 50 Cycle, 10 kA Value AC supply confirming to IS : 8828 : 1996, IEC : 60898 :2002 but without enclosures :-				
2.1	27.5.1	SINGLE POLE (SP)				
2.1.1	27.5.1.2	6 Amp to 32 Amp Rating	Each	3	184.5	554
2.2	27.5.3	DOUBLE POLE (DP)				
2.2.1	27.5.3.2	6 Amp to 32 Amp rating	Each	4	555.3	2221
6	27.8	Supplying of approved make TPN MCB DB metal double door with provision for FP MCB/ Isolator/ RCCB/RCBO as incomer and SP MCBs as outgoing inclusive of Busbar, Neutral bar, Earth bar and two earth terminals etc. complete as per IS : 13032 (exclusive of MCB & isolator)				
6.1	27.8.2	4 way (8+12)	Each	6	2664.9	15989
		Fixing of MCB/MCCB/Isolator				
9	28.4	Fixing of MCB/IMCCB/solator in sheet steel enclosure as required as per accepted practice, including mounting on busbar and cable connection etc. complete (labour only)				
9.1	28.4.1	MCB/Isolator SP/DP	Each	6	9.9	59
10	28.7	Labour charges for fixing sheet steel enclosures, MCB DB flush mounting type, as per accepted practice, duly embedded and end plate completely flushed in wall, cable connection etc. complete:-				
10.1	28.7.1	27.7.1 to 27.7.7 ; 27.8.1 to 27.8.3 & 27.9.1	Each	6	208.8	1253
C		LIGHTING FIXTURES AND FANS				
1	29.3	Supplying and fixing as per specification Call bell / buzzer of approved make with necessary materials complete.				
1.2	29.3.2	Ding Dong bell	Each	1	96.3	96
6	31.26	Supplying and fixing recessed mounting LED down lighter, LED of 1 to 3 W each assembled on single MCPCB, having color temp 4000 to 6500K & having 25000 to 50000 burning hrs life with minimum @ L 80, system lumen output should be minimum with efficacy > 80lm/W. LED driver PF 0.90. The colour rendering index of LED light should be more than 70. Housing made of CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 80-08 Form LED Source Manufacturer & LM79-08 LM79/ 1S16106 from NABL approved lab. Manufacturer mandatory. i/c connection wire, testing etc. to complete the job. 2 Yrs Guarantee certificate from manufacturer.				
6.2	31.26.2	15 W, 180/200mm	Each	6	2331.9	13991
9.1	31.22.4	LED Retrofit tube only 18/20/22W 3 - 6K without box suitable for replacing existing 36/40W FTL	Each	6	839.7	5038
	31.23	Supply & fixing Mounting rail / Batten made of CRCA powder coated with suitable lamp holding brackets for LED Tube rod 1200mm Single on wall / ceiling including connection testing etc complete as required.	Each	6	488.7	2932
	32.2	Fixing of Fluorescent Tube fitting with pendant arrangement of two pieces of approved metallic chain with necessary material including connection with 3 core flexible wire etc. complete as required.				
	32.2.1	For pendant length up to 1.5 Meter	Each	50	217.8	10890
D		LT CABLING WORK				
1	41.1	Supply of XLPE Insulated power cable (confirming IS-7098 Part-I) 1100 Volt grade, 1 core /2 core /3½ core/4 core ISI MARKED with Alu. Stranded /solid conductor				
	41.1.10	4 core Armoured				
	41.1.10.3	16 Sq.mm	Meter	100	177.3	17730
		GLAND				
2	41.5	Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc. as per specification complete.				
	41.5.1	Gland Size 22mm suitable for cable 2/3, 3½, 2/4 x 6 Sq.mm or 2x 16 Sq.mm	Each	16	30.6	490

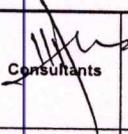
	41.5.2	Gland Size 22mm suitable for cable 2/3, 3/2, 2/4 x 10 Sq.mm or 2x 16 Sq.mm	Each	16	41.4	662
	41.5.3	Gland size 28mm for 3/4 x 16 Sq.mm	Each	8	63.0	504
	41.5.4	Gland size 32mm for 2/3, 3/2, 4 x 25 Sq.mm OR 2/3, 3/2 x 35 Sq.mm OR 2/3 x 50 Sq.mm.	Each	8	72.0	576
		FERRULES				
3	41.6	Supplying and fixing ferrules. (Aluminium in Line connector) As per IS - specification suitable for following size of cable with Aluminium stranded/solid conductor evenly cramped with high pressure tool including connection as required complete				
		For Conductor Size-				
	41.6.1	2.5 to 6.00 Sq.mm	Each	16	0.9	14
	41.6.2	10.00 Sq.mm	Each	56	1.8	101
	41.6.3	16.00 Sq.mm	Each	16	1.8	29
	41.6.4	25.00 Sq.mm	Each	16	2.7	43
	41.6.6	50.00 Sq.mm	Each	12	4.5	54
		LUGS				
4	41.7	Supplying and fixing cramping type Alum. lugs as per I.S.S. Specification suitable for following size of cable with Alu. /Copper solid/stranded conductor evenly cramped with high/pressure tool and connected to switch gear/Bus/M.C.C.B./ M.C.B. etc. as required complete.				
	41.7.1	6mm to 16 Sq.mm	Each	88	1.8	158
	41.7.2	25 Sq.mm	Each	16	3.6	58
	41.7.4	50 sq mm	Each	12	7.2	86
		E				
		EARTHING				
1	37.3	Earthing with G.I. Earth plate 600mm X 600mm X 6mm thick including accessories and providing masonry encloser in cement mortar, cover plate having locking arrangement on the top and G.I. watering pipe 20mm dia 2.7 Metre long etc. (but without charcoal or coke and salt) complete as required.	Each	1	2655.9	2656
2	37.5.1	Add Extra for using salt and charcoal / coke for G.I. Plate or Copper plate earth electrode as required including excavation & refilling	Each	1	1656.0	1656
3	37.9	Supplying and laying 25mm X 6mm G.I. strip at 0.5 Metre below ground level as strip earth electrode including soldering etc. as required.	Meter	20	101.7	2034
4	37.14	Providing & fixing 25mm X 5mm copper strip on surface or recessed for connection etc. as required.	Meter	10	727.2	7272
5	37.36	Supplying and laying G.I. earth lead duly installed on wall or in G.I. Pipe including connections etc complete as required.				
6	37.36.1	13 sq mm (4 mm dia)	Meter	50	15.3	765
1		CCTV SYSTEM				
	1	Supply , installation, Testing & Commissioning of 1/3" 1.3Megapixel CMOS.264 & MJPEG dual-stream encodingMax 15fps@1.3M (1280x960)/25/30fps@720P(1280x720)DWDR, Day/Night, 2DNR, Auto iris, AWB, AGC, BLC3.6mm fixed lensPIR Sensor Range upto 6Mtr.IR Range of 10 Mtr.PoECE, FCC & RoHS Certified .	Each	1	9541	9541
	2	Supply , installation, Testing & Commissioning of Power Supply 12v,2 Amp.	Each	1	847	847
	3	Supply , installation, Testing & Commissioning of 2 TB Hard disk .	Each	1	6000	6000
		GRAND TOTAL			TOTAL	175857

Name of Project		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN						
PROJECT ABSTRACT								
All AMount in Rs.								
S. No.	Name of Project Sub-Head	Builtup Area	Amount (SOR)	Amount (NON SOR)	Total Amount	Unit Area Rate (Rs. / sqm.)	Reference Format	
1	BUILDING WORK		18,173,773.00	0	18,173,773.00			
2	RENOVATION WORK		776,057.00	0	776,057.00			
3	BARRIER FREE		1,741,903.20	0	1,741,903.20			
SUB TOTAL ALL BUILDING WORK			20691733.20	0.00	20691733.20			
4	DEVELOPMENT WORK		4,530,985.00	0	4,530,985.00			
TOTAL			4,530,985.00	0.00	4,530,985.00			
Project Total					25,222,718.20			
Add for GST charge @ 12% on project cost					3,026,726.18			
TOTAL PROJECT					28,249,444.38			
Add for Supervision Charge @ 5.5% on TOTAL project cost					1,387,249.50			
Add for GST @ 18 % on supervision					2,49,704.91			
Grand Total of Project Cost					29,636,693.89			
E E								

FORMAT - B
(One for Whole Project)

Name of Project:-	PROPOSED RAMP AT EXISTING BUILDING OF KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
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PROJECT ABSTRACT

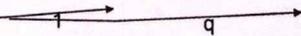
All Amount in Rs.								
S.No.	Name Of Project Sub Head	Built Up Area In Sq.m.	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
1	RAMP	105.28	17,41,903.20	0.00	17,41,903.20	16,545.00	Format C - 1	
2	AMENITIES		0.00	0.00	0.00	0.00		
Sub Total (Building Works)			17,41,903.20	0.00	17,41,903.20	16,545.00		
1	SITE DEVELOPMENT		0.00	0.00	0.00		Format D	
Sub Total (All Development Works)			0.00	0.00	0.00			
TOTAL (All Building Works) & (All Development Works) (C) = (A + B)			17,41,903.20	0.00	17,41,903.20			
ADD 12 % FOR GST AS PER INSTRUCTION OF GOVT. OF INDIA			2,09,028.38	0.00	2,09,028.38			
TOTAL PROJECT COST (E) = (C) + (D)			19,50,931.58	0.00	19,50,931.58			
Add for supervision 5.5% charges					95,804.68			
Add for GST @ 18 % on supervision					17,244.84			
PROJECT TOTAL					20,63,981.10			
Say					20.64 LACS			
Say					0.00	LACS		
Signature		Consultants						
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN				

Name of Project:-		PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN							
S.No. of Project Sub Head :-		1							
Name of Project Sub Head :-		SITE DEVELOPMENT							
S.No. of Component :-		q							
Name of Component :-		Landscaping Paver Block							
Quantity Sheet (Separate for each Sub Head Components in the Project)									
S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
SOR ITEMS									
PAVER BLOCK									
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.							
	2.1.1	All kinds of soil.	100 Per Sq.m.	1	380.00	4.00		3.80	
							TOTAL	3.80	
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical							
	2.6.1	All kind of soil		1	380.00	4.00	0.10	152.00	
		PATHWAY	CUM				Total	152.00	
3	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :							
	4.1.2	With 40mm nominal size graded stone aggregate.							
	4.1.2.3	Nominal Mix -1 Cement : 3 sand : 6 graded stone aggregate (M -7.5)							
		PATHWAY		1	380.00	1.50	0.10	57.00	
		KERB STONE		2	380.00	0.15	0.10	11.40	
			CUM				Total	68.40	
4	11.84	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand),including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).							
		KERB STONE		2	380.00	0.08	0.30	18.24	
			CUM				Total	18.24	

S.No.	SOR ITEM NO.	Description Of Item	Unit	Nos	Length L	Breadth B	Depth D	Quantity	Remark
1	2	3	4	5	6	7	8	9	10
5	11.74	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness and size/shape, made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of stone dust, compacting and proper embedding/laying of inter locking paver blocks into the bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand including locking edges with M 15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications and direction of Engineer-in- Charge. 60mm thick C.C. paver block of M-35 grade with approved colour, design and pattern.							
		PATHWAY	0	1	380.00	3.70		1406.00	
			SQM				Total	1406.00	
NON-SOR ITEMS									
	n+1							cell Detail 1 a (n+1)	
	n+2							cell Detail 1 a (n+2)	
	n+3							cell Detail 1 a (n+3)	
	n+n'							cell Detail 1 a (n+n')	

		Consultants							
	Signature	Department							
			SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN				

Name of Project:-

FORMAT - E 

PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN

S.No. of Project Sub | 1

Name of Project Sub | SITE DEVELOPMENT

S.No. of Component : q

Name of Component : Landscaping
Paver Block

Abstract Of Cost

				All Amount in Rs.			1019923
S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount	
1	2	3	4	5	6	7	
SOR ITEMS							
1	2.1	Surface dressing of the ground including removing vegetation and in-equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m.					
	2.1.1	All kinds of soil.	SQM	3.80	722.70	2,746.26	
2	2.6	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means)					
	2.6.1	All kind of soil	CUM	152.00	116.10	17,647.20	
3	11.84	Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 sand),including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).					
			CUM	18.24	6097.50	1,11,218.40	

S.No.	SOR Item NO.	Description Of Item	Unit	Quantity	Rate	Amount
1	2	3	4	5	6	7
4	1174	Providing and laying factory made coloured chamfered edge Cement Concrete paver blocks of required strength, thickness and size/shape, made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of stone dust, compacting and proper embedding/laying of inter locking paver blocks into the bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand including locking edges with M 15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufacturer's specifications and direction of Engineer-in- Charge. 60mm thick C.C. paver block of M-35 grade with approved colour, design and pattern.	SQM	1406.00	631.80	8,88,310.80
SUB TOTAL SOR ITEMS						10,19,922.66
NON-SOR ITEMS						
SUB TOTAL NON SOR ITEMS						
TOTAL SOR + NON SOR ITEMS						10,19,923.00
Signature	Consultants		<small>SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	<small>EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN</small>	
	Department					

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
Name of Project Sub Head :-	SITE DEVELOPMENT
Plot Area in Sq.m. :-	1135.00 Sq.m.

General Abstract- Site Development
(One for Each Project)

All Amount in Rs.								
Type Of Work	Component NO.	Name of Component	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs/Sqm.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
SITE DEVELOPMENT	k	External Water Supply (Boring 100 meter depth & Pipe Line 200 M)	1,56,366.00	0.00	1,56,366.00		Format E N + 1 k	
	l	External Electrification	0.00	0.00	0.00		Format E N + 1 l	
	m.1	Drainage (Sewer Line Length 100M)	93,761.00	0.00	93,761.00			
	m.2	Drainage (RCC Drain LengthM)	0.00	0.00	0.00			
	n	Effluent Treatment (1X 150 users)	0.00	0.00	0.00		Format E N + 1 n	
	o	Roads (C.C. M Length)	10,68,398.00	0.00	10,68,398.00		Format E N + 1 o	
	p	Boundary Wall & Gate (200 M Length & 1.6 M Height)	21,29,450.95	0.00	21,29,450.95		Format E N + 1 p	
	q.1	Landscaping Paver Block	10,19,923.00	0.00	10,19,923.00		Format E N + 1 q	
	q.2	Landscaping Horticulture	0.00	0.00	0.00		Format E N + 1 q	
	r.1	Miscellaneous UTILITIES SHIFTING	0.00	0.00	0.00		Format E N + 1 r	
	r.2	Miscellaneous TREE CUTTING	0.00	0.00	0.00			
	r.3	Miscellaneous WATER CONNECTION CHARGES	0.00	0.00	0.00			
	Total C			44,67,899.00	0.00	44,67,899.00		

Signature	Consultants			
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN

FORMAT - B
(One for Whole Project)

Name of Project:-	PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG COLLEGE AT DISTT. - UJJAIN
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PROJECT ABSTRACT

All Amount in Rs.								
S.No.	Name Of Project Sub Head	Built Up Area in Sq.m.	Amount SOR	Amount NON SOR	Amount TOTAL	Unit Area Rate (Rs./Sq.m.)	Reference Format	Page No.
1	2	3	4	5	6	7	8	9
1	HOSTEL BUILDING	1,135.00	1,66,20,190.80	0.00	1,66,20,190.80	14,643.00	Format C - 1	
2	AMENITIES		21,86,640.00	0.00	21,86,640.00	1,927.00		
Sub Total (Building Works)			1,88,06,830.80	0.00	1,88,06,830.80	16,570.00		
1	SITE DEVELOPMENT		44,67,899.00	0.00	44,67,899.00		Format D	
Sub Total (All Development Works)			44,67,899.00	0.00	44,67,899.00			
TOTAL (All Building Works) & (All Development Works) (C) = (A + B)			2,32,74,729.80	0.00	2,32,74,729.80			
ADD 12 % FOR GST AS PER INSTRUCTION OF GOVT. OF INDIA (D) = (C) X (12/100)			27,92,967.58	0.00	27,92,967.58			
TOTAL PROJECT COST (E) = (C) + (D)			2,60,67,697.38	0.00	2,60,67,697.38			
Add for supervision 5.5% charges					12,80,110.14			
Add for GST @ 18 % on supervision					2,30,419.83			
PROJECT TOTAL					2,75,78,227.34			
Say					275.78 LACS			
Signature	Consultants							
	Department	EXECUTIVE ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	ASSISTANT ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN	SUB. ENGINEER MP HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD SUB DIVISION UJJAIN				

GOVERNMENT OF MADHYA PRADESH



मध्य प्रदेश गृह निर्माण
एवं
अधोसंरचना विकास मण्डल

M.P. HOUSING & INFRASTRUCTURE DEVELOPMENT BOARD ,
UJJAIN

PROPOSED 50 SEATED HOSTEL AT KALIDAS GOVT. GIRLS PG
COLLEGE AT DISTT. - UJJAIN

PROJECT COST :- 275.84 LACS

**LIST OF APPROVED MAKE OF MATERIALS /ACCESSORIES TO BE USED
(INTERNAL ELECTRIFICATION)**

S.NO.	NAME OF ITEMS	MAKE
1	PVC insulated copper conductor PVC insulated & Sheathed flexible copper conductor ISI marked	Havells , Finolex, Anchor, polycab, RR Kabel, KEI,
2	PVC insulated Telephone / Cat 6 / TV cable ISI marked	Havells , Finolex, Anchor, polycab, RR Kabel, Legrand,
3	PVC conduit pipe ISI marked & accessories	BEC , Modi, Shrinath,Precision, Polycab, AKG ,King
4	PVC casing-N-capping ISI marked & accessories	Presto plast , Press fit, Shrinath, Modi, BEC, Precision, AKG
5	Steel conduit pipe ISI marked & accessories	BEC , AKG, KING, Modi, JPC
6	Non- Modular type flush type switch, socket , ceiling rose, lamp holder , call bell,	Anchor, Philcon , HPL, CPL ,Western / Life Style ,Maru ,Kent, Alese,
7	Modular type flush type switch, socket , ceiling rose, lamp holder, call bell,	Legrand, Anchor Roma, C&S, L&T, Havells (Crabtree), M.K.
8	Phenolic laminated sheet	Hylum, Anchor ,Any ISI Mark
9	MCB, Isolator, RCCB, RCBO, MCB-DB	Legrand, L&T, C&S, Hagger ,Havells ,ABB, schenider, Henset
10	XLPE insulated cable, Air Bunch Cable(ABC),	Finolex, Polycab, Havells , RAVIN Cables, RR Cable, KEI
11	LED Fittings & Luminaries (Indoor & Outdoor)	Philips, Bajaj, Crompton, Wipro, Havells
12	Luminaries SV, MH, CFL, FTL-T5, GLS	Philips, Bajaj, Wipro, Havells, Crompton
13	GI pipe ISI Mark	TATA, Swastik TT, Jindal, Prakash, Surya
14	Electronic ballast	Philips, Bajaj, Crompton, Wipro, Havells
15	Electric Ceiling fans (ISI Marked as per BEE norms as per latest amendment 19.12.2019)	Crompton, Bajaj, Usha, Orient, Havells
16	Wall mounting fan, Cabin fan, Exhaust fan,	Crompton , Bajaj, Usha, Orient, Havells
17	Cable gland	Comet , Calter (National), Cosmos, Jainson, ascon, sigma
18	Cable lugs	Comet , Calter (National), Cosmos, Jainson, ascon,
19	SFU, ACB, Change Over Switch (On-load /Off-Load), MCCB, ATS ,Busbar	Legrand (DMX-3) L&T(OMEGA), Crompton, C&S, Havells ,
20	Fan/Luminaries Capacitor,	Asian, Uni-Star, Bajaj, Epcos, Usha
21	Ammeter, volt meter, Selector switch/CTS,	AE, Neptune, L&T, Elemeasure,
22	HDPE PIPE, UPVC, CPVC, DWC PIPE & Accessories	Kasta, Hasti, KML Classic (Kisan), VIP Pipes, Supreme, Finolex
23	ESE Lightning Conductor	ABB, Siemenes, Indolec, Schenider
24	Submersible / Open Well Motor Pump set & Starter	Kirloskar, Crompton, CRI, Texmo, KSB, L & T
25	Submersible Cable	Polycab, Finolex, Havells, Ravin

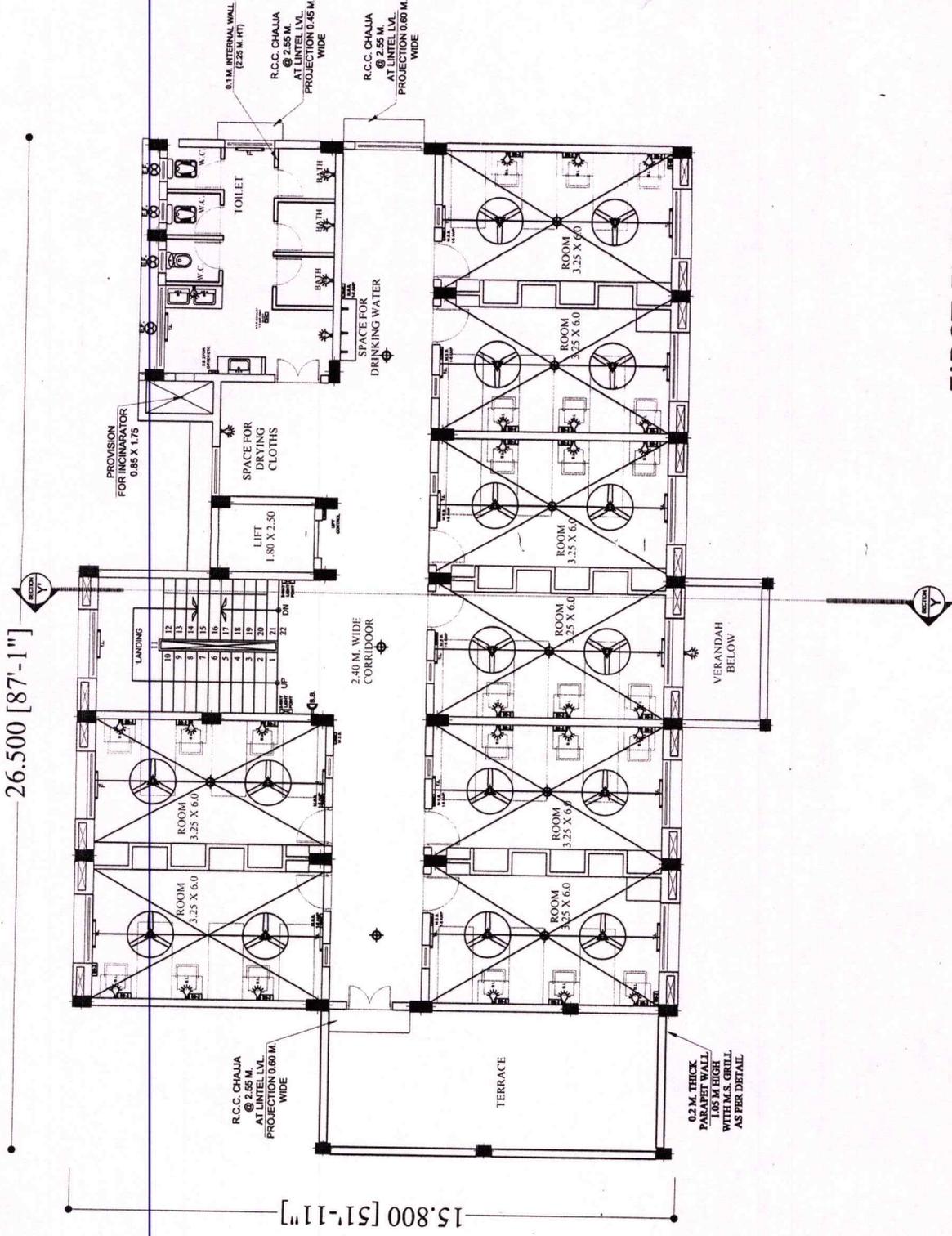
NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGINE MTS.
- >> SIDE MARGINE MTS.
- >> TOTAL NUMBER OF FLOORS ARE 6th....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS	
SYMBOLS	DESCRIPTION
	SWITCH BOARD (S.B.)
	SWITCH BOARD WITH 5 AMP. POINT
	SWITCH BOARD WITH 15 AMP. POINT
	TWO WAY SWITCH
	CEILING FAN
	TUBE LIGHT
	BRACKET LIGHT
	CEILING POINT
	TELEPHONE POINT
	ANTEENA POINT
	A.C.
	D.S. (FOR INTERNET)
	BELL PUSH
	BELL BUZZER

REV.	REMARKS	DATE	DEALT

IISHAN ASSOCIATES
 14/7/2019
 0987101
 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



FIRST FLOOR PLAN
ELECTRICAL LAYOUT

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NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGINE MTS.
- >> SIDE MARGINE MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+.....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

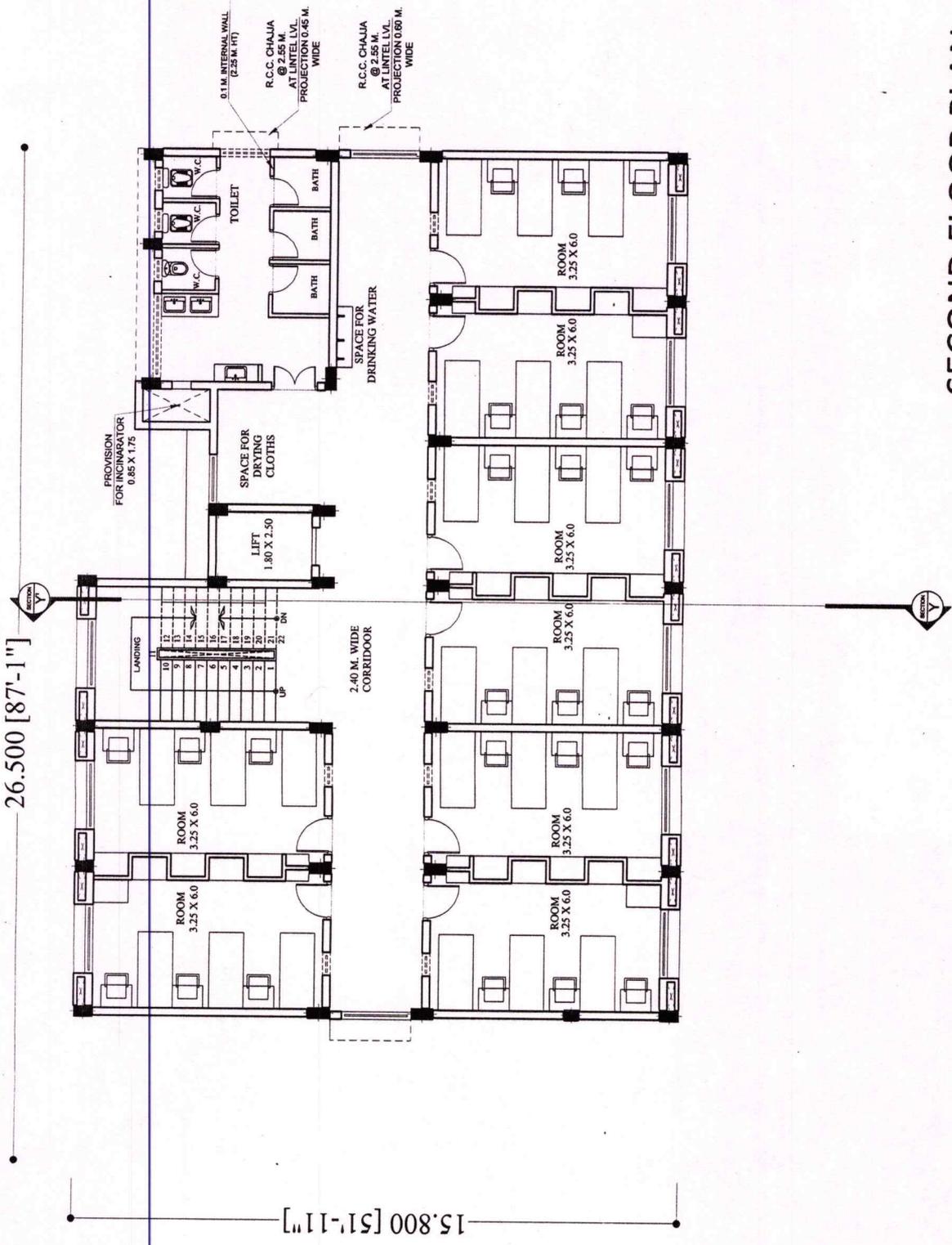
AREA / CAPACITY / LEGENDS	
SYMBOLS	DESCRIPTION
	SWITCH BOARD (S.B.)
	SWITCH BOARD WITH 5 AMP. POINT
	SWITCH BOARD WITH 15 AMP. POINT
	TWO WAY SWITCH
	CEILING FAN
	TUBE LIGHT
	BRACKET LIGHT
	CEILING POINT
	TELEPHONE POINT
	ANTEENA POINT
	A.C.
	D.S.L.(FOR INTERNET)
	BELL PUSH
	BELL BUZZER

R	REV.	REMARKS	DATE	DEALT

Piyush Associates

 ARCHITECTS & ENGINEERS

 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



SECOND FLOOR PLAN

ELECTRICAL LAYOUT

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NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGIN MTS.
- >> SIDE MARGIN MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+.....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

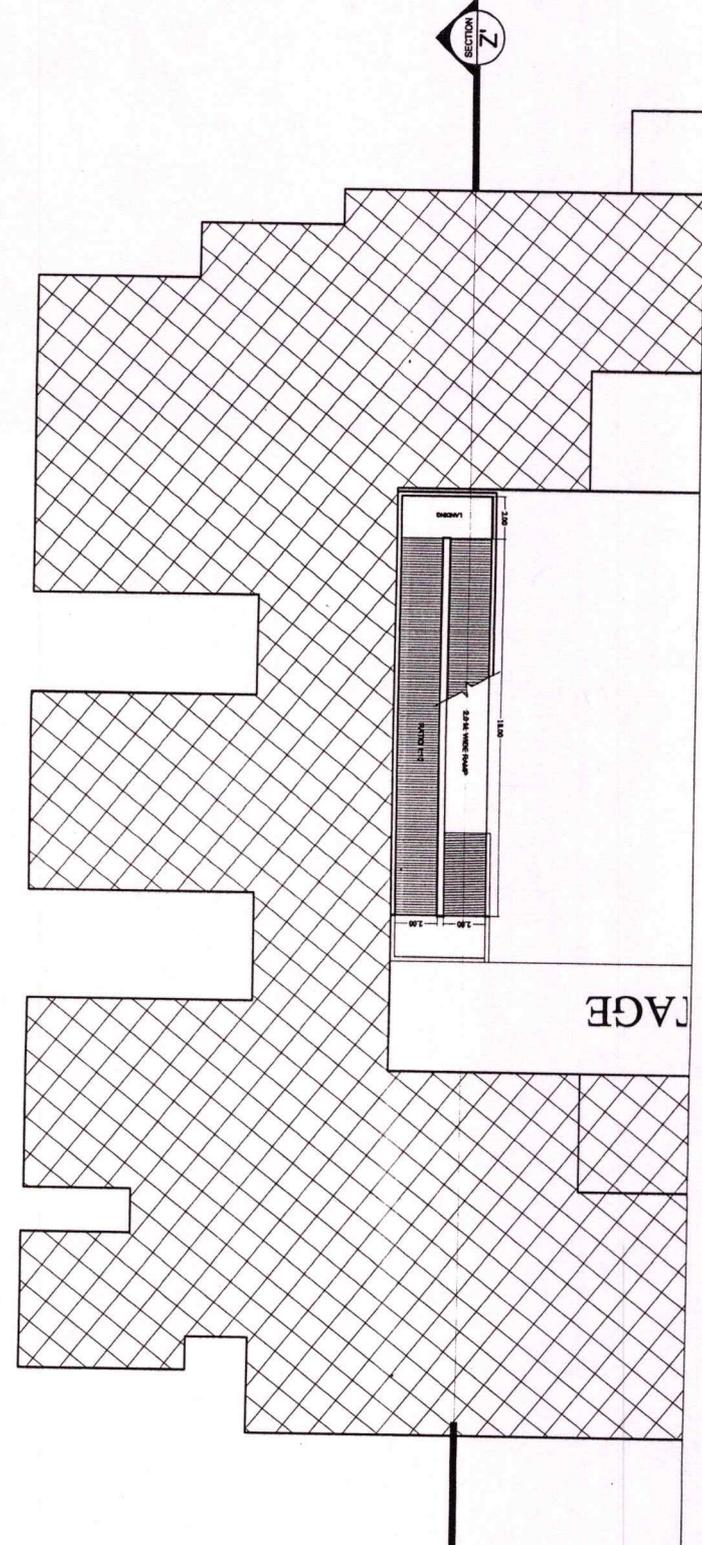
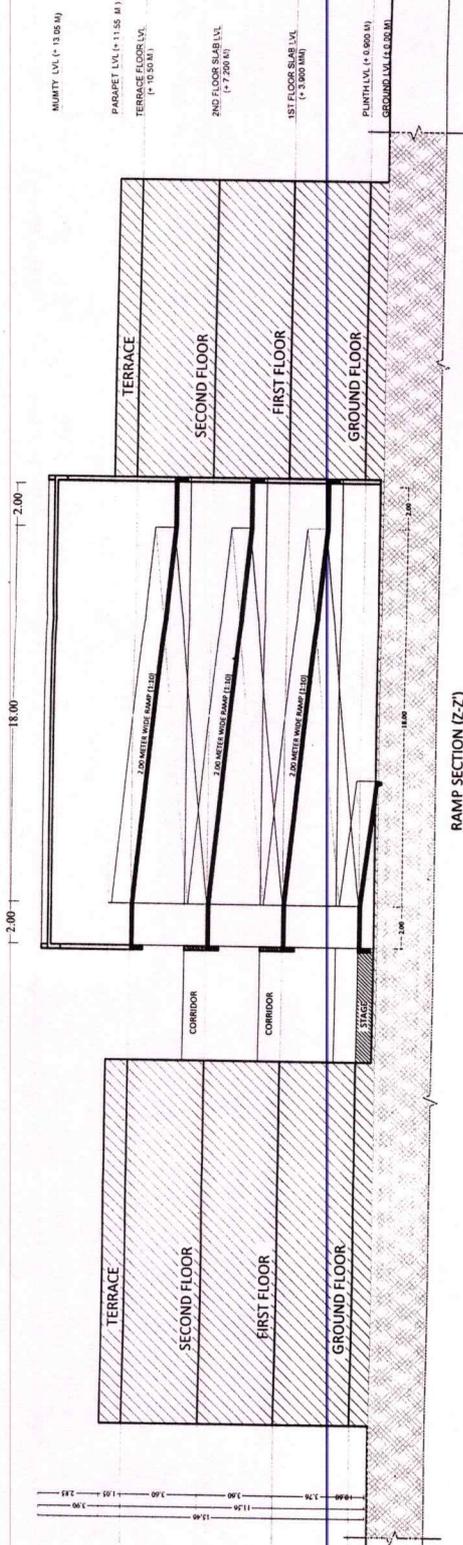
HOSTEL CAPACITY (rooms/students)		
FLOOR	TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS
G.F	01	03
F.F	08	24
S.F	08	24
TOTAL	17	51

AREA	
385 SQ. M.	
348 SQ. M.	
373 SQ. M.	
1135 SQ. M.	

ISHAN ASSOCIATES
 (Prop.) Mr. HEMANT KSHAR
 BMC Lic. No. A-285
 COA REGD. NO. CA/2003/35308

REV.	REMARKS	DATE	DEALT

DRG/NO
 AH/2018
 /ARC/01
 16-01-2020
 PIVOSH
 CONCEPTUAL PLAN
 DIVYSHI ARCHITECTURE ARCHITECTS & INTERIORS
 101, 102-A, 103-A, 104-A, 105-A, 106-A, 107-A, 108-A, 109-A, 110-A, 111-A, 112-A, 113-A, 114-A, 115-A, 116-A, 117-A, 118-A, 119-A, 120-A, 121-A, 122-A, 123-A, 124-A, 125-A, 126-A, 127-A, 128-A, 129-A, 130-A, 131-A, 132-A, 133-A, 134-A, 135-A, 136-A, 137-A, 138-A, 139-A, 140-A, 141-A, 142-A, 143-A, 144-A, 145-A, 146-A, 147-A, 148-A, 149-A, 150-A, 151-A, 152-A, 153-A, 154-A, 155-A, 156-A, 157-A, 158-A, 159-A, 160-A, 161-A, 162-A, 163-A, 164-A, 165-A, 166-A, 167-A, 168-A, 169-A, 170-A, 171-A, 172-A, 173-A, 174-A, 175-A, 176-A, 177-A, 178-A, 179-A, 180-A, 181-A, 182-A, 183-A, 184-A, 185-A, 186-A, 187-A, 188-A, 189-A, 190-A, 191-A, 192-A, 193-A, 194-A, 195-A, 196-A, 197-A, 198-A, 199-A, 200-A, 201-A, 202-A, 203-A, 204-A, 205-A, 206-A, 207-A, 208-A, 209-A, 210-A, 211-A, 212-A, 213-A, 214-A, 215-A, 216-A, 217-A, 218-A, 219-A, 220-A, 221-A, 222-A, 223-A, 224-A, 225-A, 226-A, 227-A, 228-A, 229-A, 230-A, 231-A, 232-A, 233-A, 234-A, 235-A, 236-A, 237-A, 238-A, 239-A, 240-A, 241-A, 242-A, 243-A, 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**PROPOSE RAMP
SCHEMATIC SECTION**

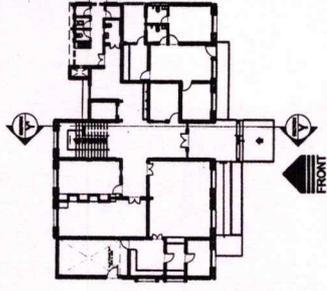
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NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGINE MTS.
- >> SIDE MARGINE MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

HOSTEL CAPACITY (rooms/students)		TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS	AREA
FLOOR	STUDENTS	NO.	NO.	SQ. M.
G.F.	08	24	383	383 SQ. M.
F.F.	08	24	375	375 SQ. M.
S.F.	08	24	375	375 SQ. M.
TOTAL	17	51	1135	1135 SQ. M.



ISHAN ASSOCIATES
 (P) 011-26101330
 (F) 011-26101330
 (R) 011-26101330

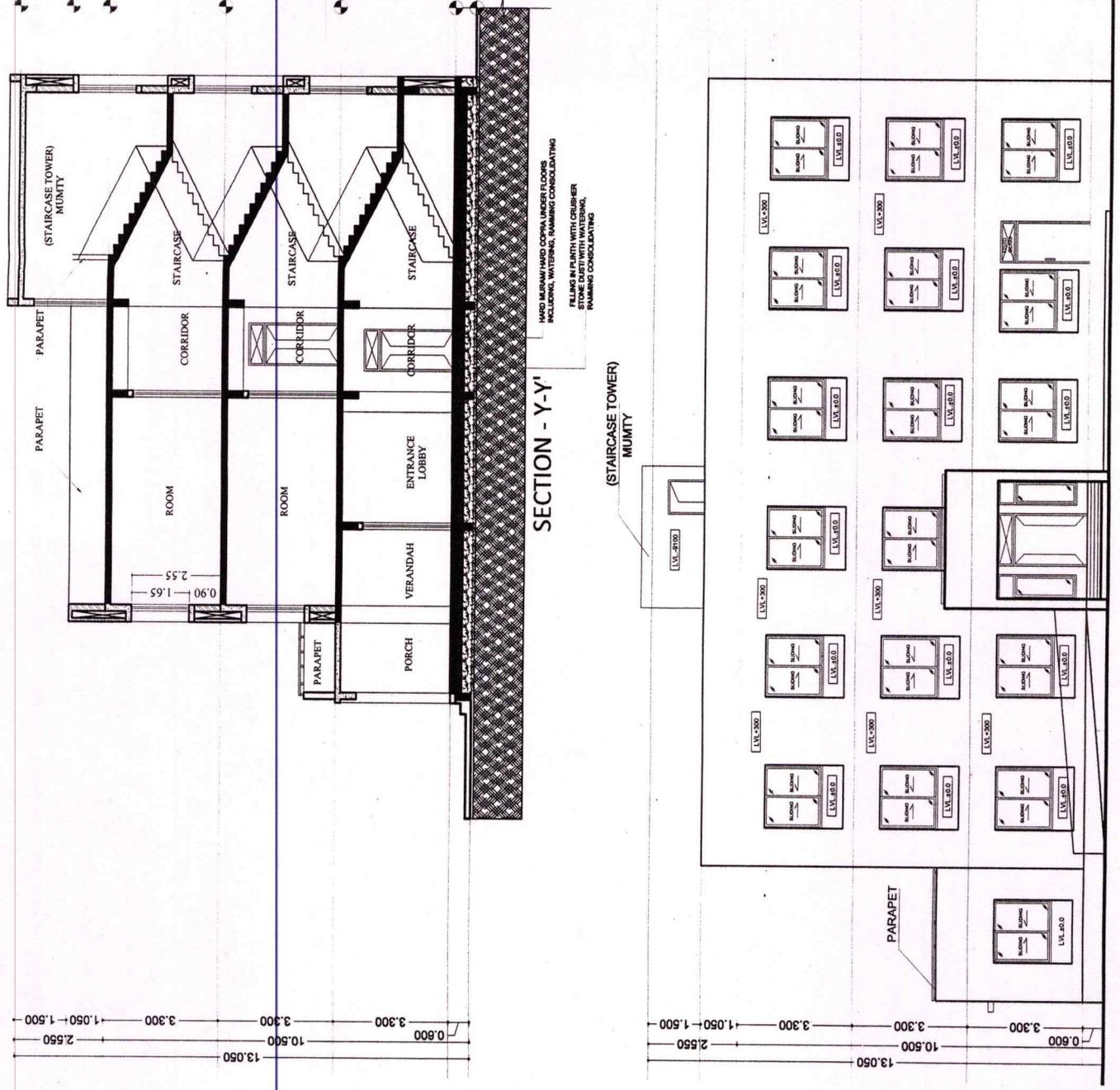
CONCEPTUAL PLAN

REV.	REMARKS	DATE	DEALT

DATE: 14/07/2016
 TIME: 7:43:01
 PROJECT: P/0081
 16/01/2020

MUMTY LVL (+ 13.05 M)
 PARAPET LVL (+ 11.55 M.)
 TERRACE FLOOR LVL (+ 10.50 M.)
 2ND FLOOR SLAB LVL (+ 7.200 M)
 1ST FLOOR SLAB LVL (+ 3.900 MIM)
 PLINTH LVL (+ 0.600 M)
 GROUND LVL (± 0.00 M)

MUMTY LVL (+ 13.05 M)
 PARAPET LVL (+ 11.55 M.)
 TERRACE FLOOR LVL (+ 10.50 M.)
 2ND FLOOR SLAB LVL (+ 7.200 M)
 1ST FLOOR SLAB LVL (+ 3.900 MM)
 PLINTH LVL (+ 0.600 M)
 GROUND LVL (± 0.00 M)



ELEVATION & SECTION

FRONT ELEVATION



NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN ... FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGINE MTS.
- >> SIDE MARGINE MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

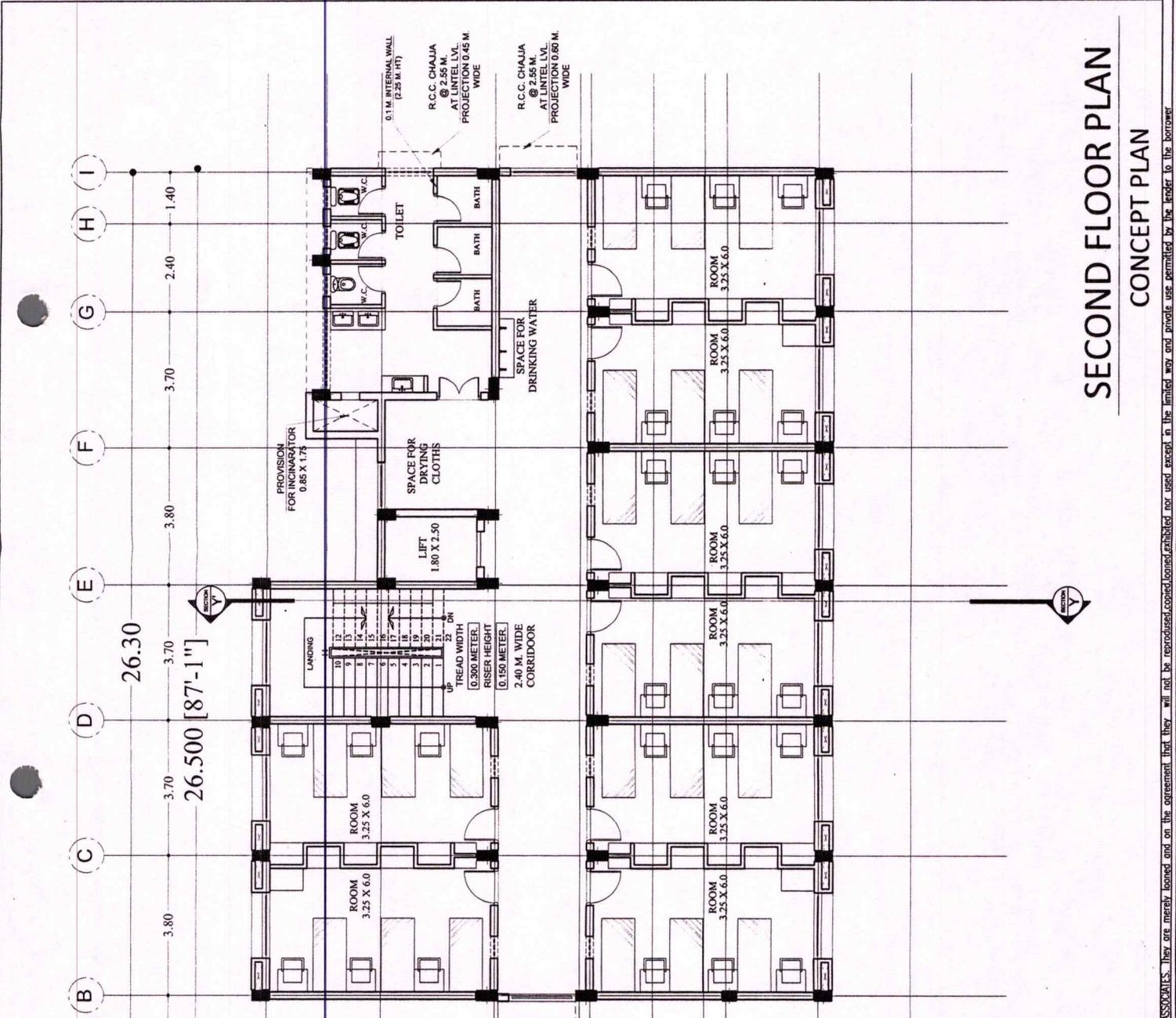
ISHAN ASSOCIATES
 (Prop.) for HEAVYWEIGHT ASHRAE
 BMC LIC. NO. A-235
 COA REGD. NO. CA203/193328

R	REV	REMARKS	DATE	DEALT

CONCEPTUAL PLAN

16-01-2020

PIYUSH JOSHI ASSOCIATES
 ARCHITECTURE INTERIORS LANDSCAPE
 207, 2ND FLOOR, NEW MARKET
 BHAWANDA GULAN, BHOPAL.
 PHONE: 999-999-9999



SECOND FLOOR PLAN
CONCEPT PLAN

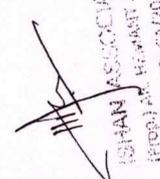
HOSTEL CAPACITY (rooms/students)			
FLOOR	TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS	AREA
G. F	01	03	385 SQ. M.
F. F	08	24	375 SQ. M.
S. F	08	24	375 SQ. M.
TOTAL	17	51	1135 SQ. M.

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NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN ... FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGIN ... MTS.
- >> SIDE MARGIN ... MTS.
- >> TOTAL NUMBER OF FLOORS ARE 0+....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

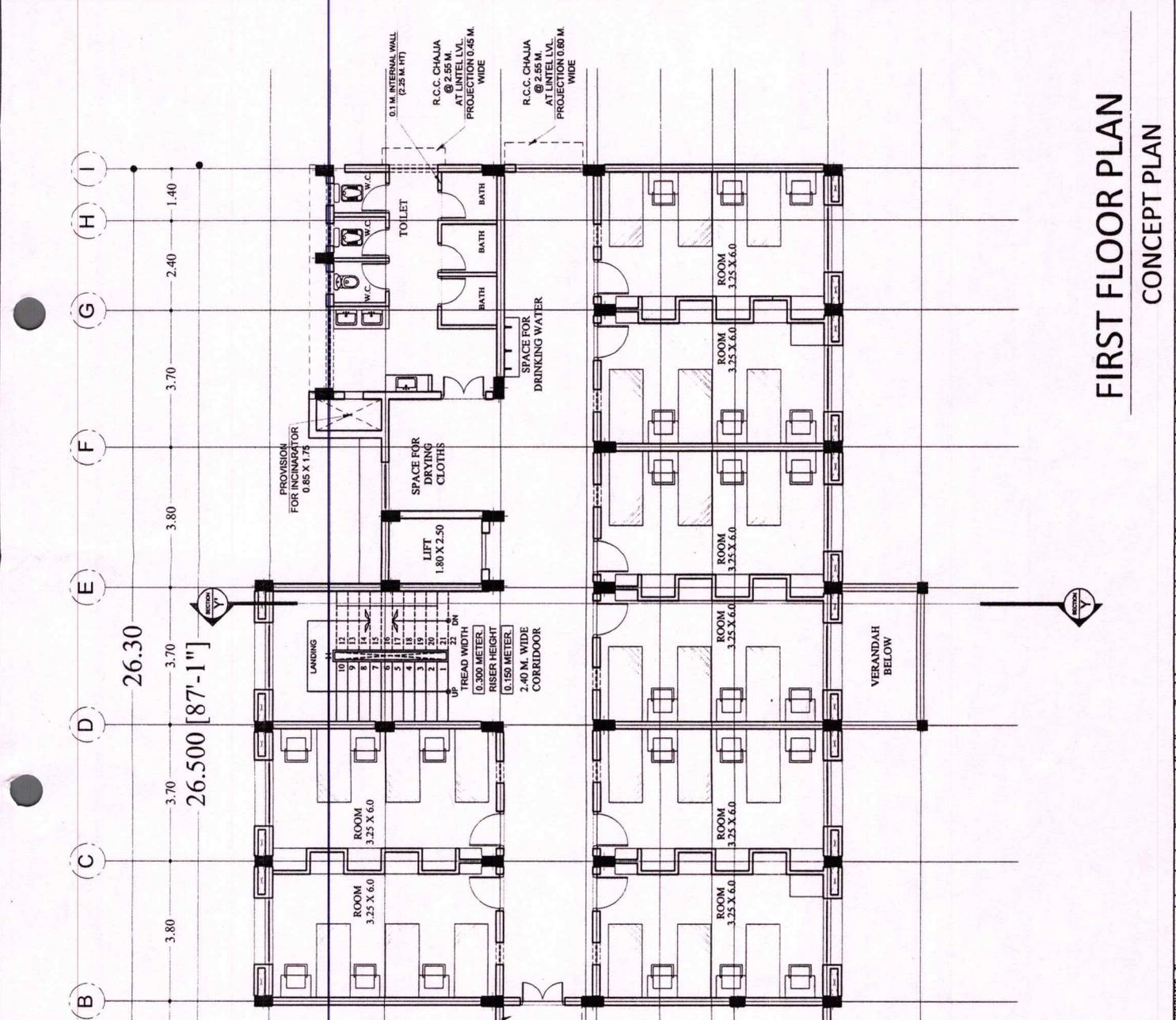


PIYUSH ASSOCIATES
 (PVT) LTD. NEW MARKET AREA
 COA REGD. NO. GA/2019/313306
 BHC LIC. NO. A-265

R	REV.	REMARKS	DATE	DEALT



CONCEPTUAL PLAN
 16-01-2020



FIRST FLOOR PLAN
CONCEPT PLAN

HOSTEL CAPACITY (rooms/students)			
FLOOR	TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS	AREA
G.F	01	03	385 SQ. M.
F.F	08	24	375 SQ. M.
S.F	08	24	375 SQ. M.
TOTAL	17	51	1135 SQ. M.

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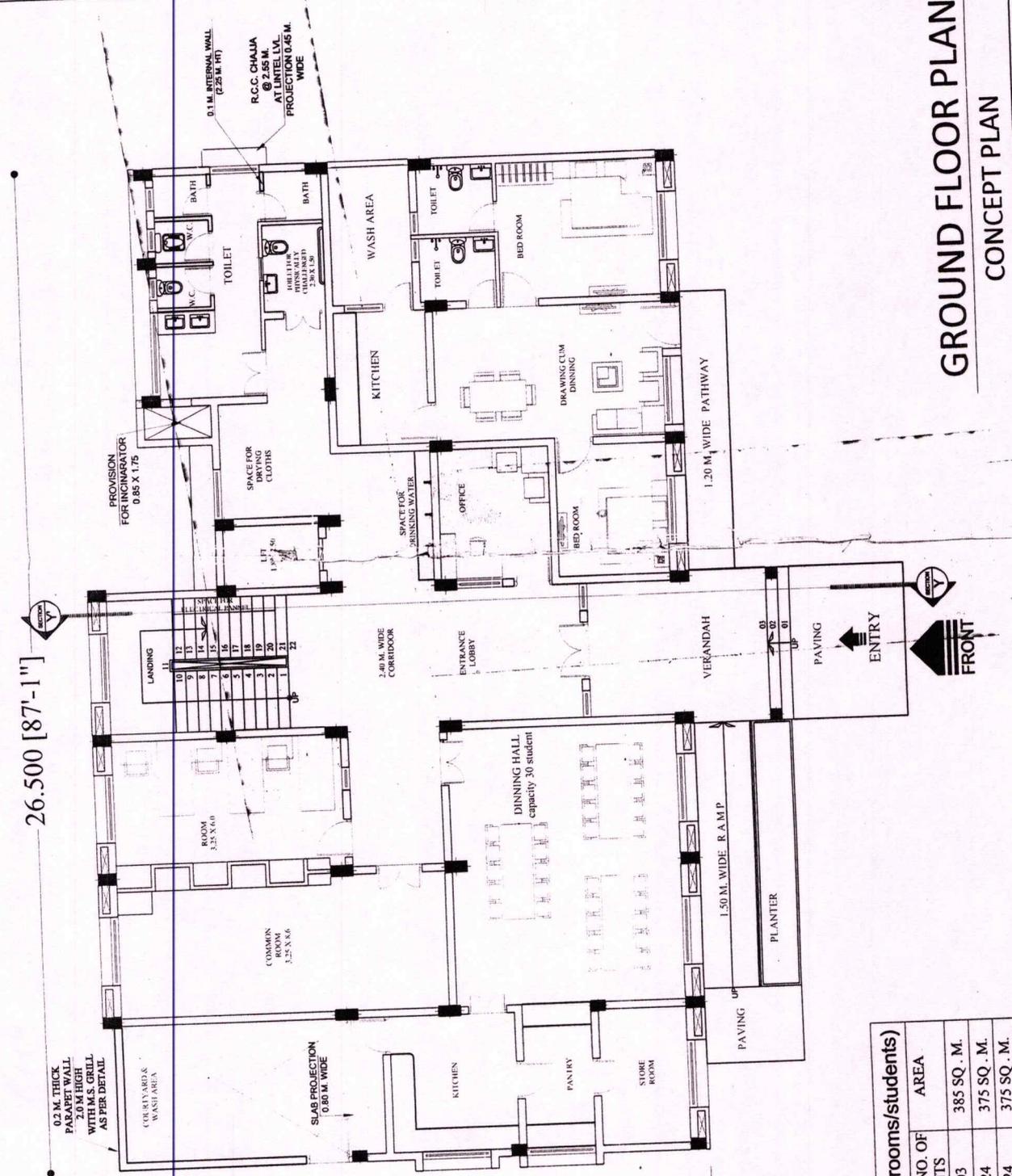
- >> HEIGHT OF THE BUILDING IS TAKEN ... FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGINE MTS.
- >> SIDE MARGINE MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+....
- >> AREA CALCULATION IS BASED ON PLOT AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

R	REV.	REMARKS	DATE	DEALT

SHAN ASSOCIATES
 ARCHITECTURE, INTERIOR, LANDSCAPE
 207, 9th-10th, GATE NO. 100, SECTOR-10
 NEAR, BEHIND, MAIN, NATIONAL
 HIGHWAY, GATE NO. 100, SECTOR-10
 E-MAIL: shan@shansha.com

PROJECT NO. 4-236
 PLAN
 DATE: 16-01-2020
 PLOT NO. 101



GROUND FLOOR PLAN

CONCEPT PLAN

HOSTEL CAPACITY (rooms/students)			
FLOOR	TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS	AREA
G. F	01	03	385 SQ. M.
F. F	08	24	375 SQ. M.
S. F	08	24	375 SQ. M.
TOTAL	17	51	1135 SQ. M.

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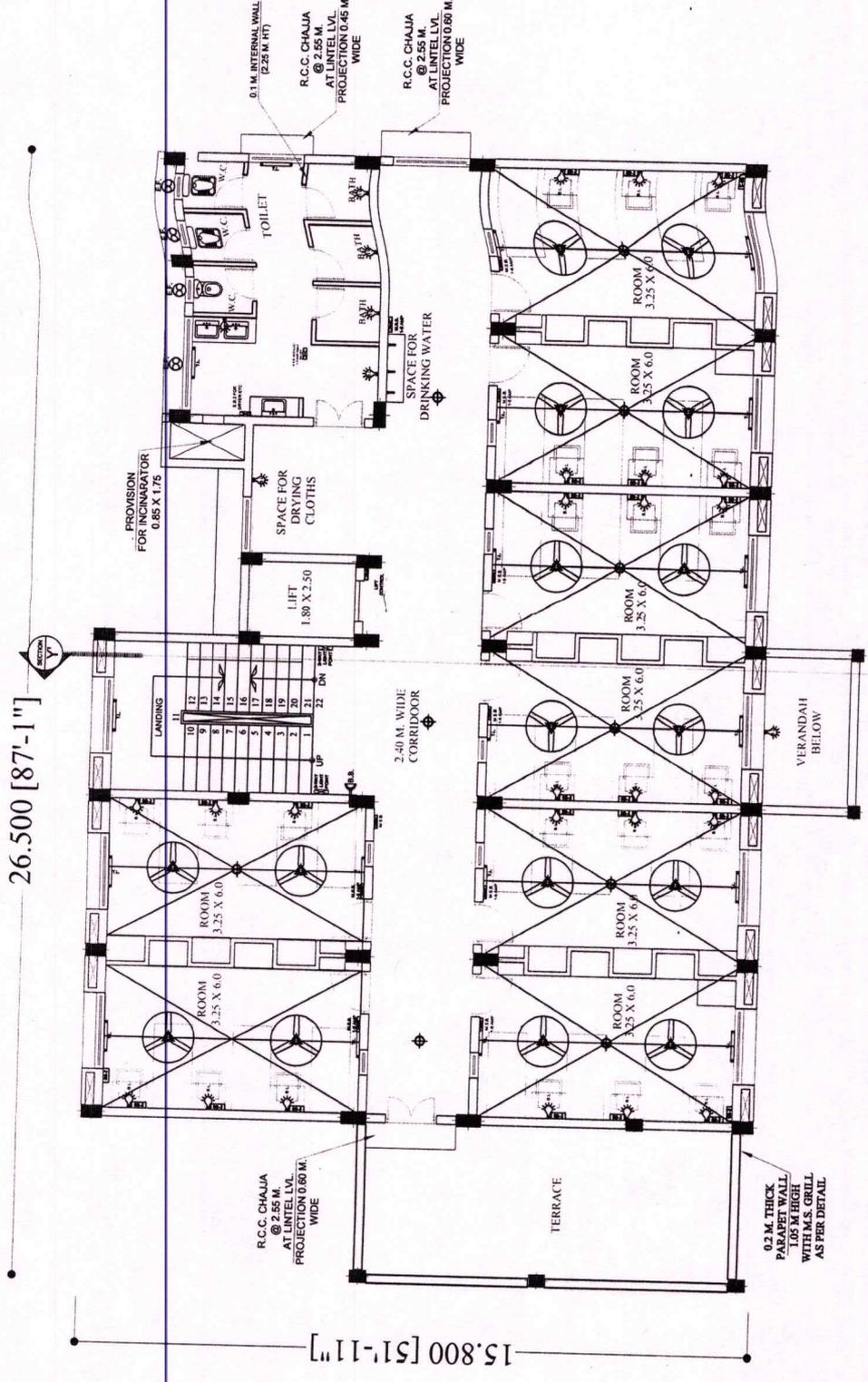
NOTES:

- >> HEIGHT OF THE BUILDING IS TAKEN ... FROM FINISHED FLOOR TO SLAB TOP.
- >> FRONT MARGIN ... MTS.
- >> SIDE MARGIN ... MTS.
- >> TOTAL NUMBER OF FLOORS ARE G+... AS PER RECORD AREA.

AREA / CAPACITY / LEGENDS

REV.	REMARKS	DATE	DEALT

17/2019
 2580/01
 ISHAN ASSOCIATES
 201, 5th-A, GROUND FLOOR
 NEAR ECHOOR MAIN BRIDGE
 BANGALORE
 PHONE: 080-42725555, 080-42725556
 E-MAIL: ishan@ishanassociates.com



FIRST FLOOR PLAN CONCEPT PLAN

HOSTEL CAPACITY (rooms/students)			
FLOOR	TOTAL NO. OF ROOMS	TOTAL NO. OF STUDENTS	AREA
G.F	01	03	385 SQ. M.
F.F	08	24	375 SQ. M.
S.F	08	24	375 SQ. M.
TOTAL	17	51	1135 SQ. M.

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