

PROPOSED GNM CENTRE TO BSC NURSING COLLEGE PROJECT GENERAL ABSTRACT			
Sno.	Description		Cost (Rs.)
A	HOSTEL BUILDING		16683557
	Sub Total		16683557
	Internal Water Supply & Sanitary Installations (8%)		1334685
	Internal Electric Installations (12.5%)		2085445
	Electrical External Services Connections (3.75%)		625633
	Civil External Services Connections (1.25%)		208544
	Total Amount		20937863
	Add 12 % GST		2512544
	Total Amount		23450407
	Sub Engineer	Assistant Engineer	Executive Engineer
	NHM Bhopal	NHM Bhopal	NHM Bhopal

PROPOSED GNM CENTRE TO BSC NURSING COLLEGE

HOSTEL BUILDING

BASED ON PWD BUILDING WORK SOR IN FORCE 01.08.2014

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		EXCAVATION								
	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 upto 50m and lift upto 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.								
		Column Footing	147	2.00	2.00	2.50	1470.00			
		Porch	1	4.00	5.30	0.45	9.54			
		curtain wall	1	325.95	0.30	0.60	58.67			
							1538.21	cum	129.00	198429.00
	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.								
			147	2.00	2.00	1.00	588.00			
							588.00	cum	30.00	17640.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	2.26	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 upto 1.5 m.rammingand watering lead up to 50m & lift up to 1.50m								
		Filling available excavated earth in footing								
		Excavation in footing								
		1/3rd of excavation					512.74			
							0.00			
							0.00			
							0.00			
							512.737	cum	72.00	36917.00
		Supplying and filling in plinth with hard muram/hard copra under floors including watering ramming cosolidating in layers not exceeding 20cm in depth and dressing complete.								
		Staff toilet	1	4.60	3.50	0.20	3.22			
		2 seater room	8	4.00	3.50	0.20	22.40			
		STORE	1	2.60	4.00	0.20	2.08			
		VISITOR	1	4.00	5.90	0.20	4.72			
		Reception	1	4.90	4.50	0.20	4.41			
		Sick room	1	3.50	4.00	0.20	2.80			
		Reading room	1	7.20	4.00	0.20	5.76			
		Corridor	1	70.20	2.00	0.20	28.08			
			1							
		3 Seater room	10	4.00	5.50	0.35	77.00			
		Passage	2	5.45	2.00	0.35	7.63			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Common room	1	8.20	5.50	0.35	15.79			
		St case	1	5.00	5.50	0.35	9.63			
		Room	2	3.00	3.80	0.35	7.98			
		Guest room	1	4.00	5.50	0.35	7.700			
			1							
		Toilet	2	8.90	4.70	0.35	29.28			
			2	1.90	2.00	0.35	2.66			
		Passage	1	6.30	1.80	0.35	3.97			
			1			0.35	0.000			
		Store	1	8.00	3.50	0.35	9.800			
		WC	2	1.20	1.20	0.35	1.008			
		Wash	1	24.78		0.35	8.673			
		Kitchen	1	4.90	8.00	0.35	13.720			
		Pantry	1	4.90	3.40	0.35	5.831			
		Dining hall	1	20.90	11.60	0.35	84.854			
							358.986	cum	471.00	169082.00
	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								
		Under Floor								
		Staff toilet	1	4.60	3.50	0.30	4.83			
		2 seater room	8	4.00	3.50	0.30	33.60			
		STORE	1	2.60	4.00	0.30	3.12			
		VISITOR	1	4.00	5.90	0.30	7.08			
		Reception	1	4.90	4.50	0.30	6.62			
		Sick room	1	3.50	4.00	0.30	4.20			
		Reading room	1	7.20	4.00	0.30	8.64			
		Corridor	1	70.20	2.00	0.30	42.12			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		3 Seater room	10	4.00	5.50	0.30	66.00			
		Passage	2	5.45	2.00	0.30	6.54			
		Common room	1	8.20	5.50	0.30	13.53			
		St case	1	5.00	5.50	0.30	8.25			
		Room	2	3.00	3.80	0.30	6.84			
		Guest room	1	4.00	5.50	0.30	6.60			
		Toilet	2	8.90	4.70	0.30	25.10			
			2	1.90	2.00	0.30	2.28			
		Passage	1	6.30	1.80	0.30	3.40			
		Store	1	8.00	3.50	0.30	8.40			
		WC	2	1.20	1.20	0.30	0.86			
		Wash	1	24.78		0.30	7.43			
		Kitchen	1	4.90	8.00	0.30	11.76			
		Pantry	1	4.90	3.40	0.30	5.00			
		Dining hall	1	20.90	11.60	0.30	72.73			
							354.933	cum	672.00	238515.00
		PCC								
	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.								
	4.1.2.2	M 10								
		Column Footing	147	1.80	1.80	0.15	71.44			
		Under Floor								
		Staff toilet	1	4.60	3.50	0.10	1.61			
		2 seater room	8	4.00	3.50	0.10	11.20			
		STORE	1	2.60	4.00	0.10	1.04			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		VISITOR	1	4.00	5.90	0.10	2.36			
		Reception	1	4.90	4.50	0.10	2.21			
		Sick room	1	3.50	4.00	0.10	1.40			
		Reading room	1	7.20	4.00	0.10	2.88			
		Corridor	1	70.20	2.00	0.10	14.04			
		3 Seater room	10	4.00	5.50	0.10	22.00			
		Passage	2	5.45	2.00	0.10	2.18			
		Common room	1	8.20	5.50	0.10	4.51			
		St case	1	5.00	5.50	0.10	2.75			
		Room	2	3.00	3.80	0.10	2.28			
		Guest room	1	4.00	5.50	0.10	2.20			
		Toilet	2	8.90	4.70	0.10	8.37			
			2	1.90	2.00	0.10	0.76			
		Passage	1	6.30	1.80	0.10	1.13			
						0.10	0.000			
		Store	1	8.00	3.50	0.10	2.800			
		WC	2	1.20	1.20	0.10	0.288			
		Wash	1	24.78		0.10	0.000			
		Kitchen	1	4.90	8.00	0.10	3.920			
		Pantry	1	4.90	3.40	0.10	1.666			
		Dining hall	1	20.90	11.60	0.10	24.244			
							187.28	cum	3808.00	713143.00
		RCC								
	5.1	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	5.1.1	M 20 –Grade Concrete								
		Footing pad								
			147	1.80	1.80	0.50	238.14			
		Column up to plinth	147	0.20	0.50	2.30	33.81			
		Plinth Beam								
			1	5.30	0.20	0.50	0.53			
			3	61.80	0.20	0.50	18.54			
			6	9.30	0.20	0.50	5.58			
			4	34.90	0.20	0.50	13.96			
			2	4.00	0.20	0.50	0.80			
			17	4.60	0.20	0.50	7.82			
			20	2.00	0.20	0.50	4.00			
			20	5.30	0.20	0.50	10.60			
			2	2.00	0.20	0.50	0.40			
			6	4.70	0.20	0.50	2.82			
			2	6.70	0.20	0.50	1.34			
			2	6.30	0.20	0.50	1.26			
			9	8.00	0.20	0.50	7.20			
		Ded column	147	0.20	0.20	0.50	-2.94			
		Curtain wall	1	325.95	0.10	1.00	32.60			
							376.46	cum	5091.00	1916558.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	5.3	Reinforced cement concrete work (with 20mm nominal size graded stone aggregate) in beams, suspended floors, roofs having slope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level and up to floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade.								
	5.3.1	M 20 –Grade Concrete								
		GROUND FLOOR								
		Column in superstructure	147	0.20	0.50	3.10	45.57			
		Floor beams	1	5.30	0.20	0.38	0.40			
			3	61.80	0.20	0.38	14.09			
			6	9.30	0.20	0.38	4.24			
			4	34.90	0.20	0.38	10.61			
			2	4.00	0.20	0.38	0.61			
			17	4.60	0.20	0.38	5.94			
			20	2.00	0.20	0.38	3.04			
			20	5.30	0.20	0.38	8.06			
			2	2.00	0.20	0.38	0.30			
			6	4.70	0.20	0.38	2.14			
			2	6.70	0.20	0.38	1.02			
			2	6.30	0.20	0.38	0.96			
			9	8.00	0.20	0.38	5.47			
		Landing beam	1	3.00	0.20	0.30	0.18			
			1	3.50	0.20	0.30	0.21			
		Lintel								
		W	48	1.80	0.20	0.20	3.46			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		W1	10	1.00	0.20	0.20	0.40			
		landing W	2	1.80	0.20	0.20	0.14			
		V	27	0.80	0.20	0.20	0.86			
		D	32	1.50	0.20	0.20	1.92			
		D	31	1.10	0.20	0.20	1.36			
		Reception Entry	1	3.30	0.20	0.30	0.20			
		Kitchen window	2	2.30	0.20	0.30	0.28			
		Store Grill	1	1.80	0.20	0.20	0.07			
		Slab	1	1386.95		0.12	166.43			
		Porch	1	21.20		0.12	2.54			
		Landing Slab	1	3.00	1.20	0.12	0.43			
			1	3.00	1.70	0.12	0.61			
		Chajja								
			1	27.30	0.60	0.10	1.64			
			1	29.60	0.60	0.10	1.78			
			1	12.60	0.60	0.10	0.76			
			1	19.80	0.60	0.10	1.19			
			1	18.80	0.60	0.10	1.13			
			1	12.60	0.60	0.10	0.76			
			1	16.32	0.60	0.10	0.98			
			1	16.40	0.60	0.10	0.98			
			1	26.30	0.60	0.10	1.58			
			1	12.00	0.60	0.10	0.72			
			2	9.30	0.60	0.10	1.12			
			1	4.60	0.60	0.10	0.28			
		Kitchen Plateform	1	4.20	0.70	0.10	0.29			
			1	8.00	0.70	0.10	0.56			
			1	5.30	0.70	0.10	0.37			
			1	1.90	0.70	0.10	0.13			
		Waist Slab	2	2.70	1.70	0.12	1.10			
			2	2.75	1.70	0.12	1.12			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Steps	42	1.50	0.15x0.30)/2		1.42			
							299.45	cum	5284.00	1582281.00
		CENTERING AND SHUTTERING								
	5.9	Centering and shuttering including strutting, propping etc. and removal of form for								
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete up to plinth level.								
		Footing pad								
			147	2(1.8+1.8)		0.50	529.20			
			135	2(0.2+0.5)		2.30	434.70			
							963.90	sqm	174.00	167719.00
	5.9.2	Walls (any thickness) including attached pilasters butteresses, plinth beams and string courses etc. up to plinth level								
		Plinth Beam								
			1	5.30	(0.50+0.20+0.50)		6.36			
			3	61.80	(0.50+0.20+0.50)		222.48			
			6	9.30	(0.50+0.20+0.50)		66.96			
			4	34.90	(0.50+0.20+0.50)		167.52			
			2	4.00	(0.50+0.20+0.50)		9.60			
			17	4.60	(0.50+0.20+0.50)		93.84			
			20	2.00	(0.50+0.20+0.50)		48.00			
			20	5.30	(0.50+0.20+0.50)		127.20			
			2	2.00	(0.50+0.20+0.50)		4.80			
			6	4.70	(0.50+0.20+0.50)		59.22			
			2	6.70	(0.75+0.10+0.75)		28.14			
			2	6.30	(0.30+0.20+0.30)		10.08			
			9	8.00	(0.30+0.20+0.30)		57.60			
		Curtain wall	1	325.95	(1+0.10+1)		684.50			
							1586.30	sqm	267.00	423541.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	5.9	Suspended floors, roofs, landings, balconies and access platform. Shelves (Cast in situ) Lintels, beams, beams, girders, bressumers and cantilevers, Columns, Pillars, Posts and Struts Walls in super structure.								
		GF								
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts.	147	2(0.50+0.20)		3.10	637.98	sqm	356.00	227121.00
	5.9.5	Lintels, beams, girders, bressumers and cantilevers.								
		Floor beams	1	5.30	(0.38+0.38)		4.03			
			3	61.80	(0.38+0.38)		140.90			
			6	9.30	(0.38+0.38)		42.41			
			4	34.90	(0.38+0.38)		106.10			
			2	4.00	(0.38+0.38)		6.08			
			17	4.60	(0.38+0.38)		59.43			
			20	2.00	(0.38+0.38)		30.40			
			20	5.30	(0.38+0.38)		80.56			
			2	2.00	(0.38+0.38)					
			6	4.70	(0.38+0.38)		15.79			
			2	6.70	(0.38+0.38)		7.50			
			2	6.30	(0.38+0.38)		7.06			
			9	8.00	(0.38+0.38)		40.32			
		Landing beam	1	3.00	(0.18+0.18)		1.08			
			1	3.50	(0.18+0.18)		1.26			
		Lintel								
		W	48	1.80	(0.20+0.20+0.20)		51.84			
		W1	10	1.00	(0.20+0.20+0.20)		6.00			
		landing W	2	1.80	(0.20+0.20+0.20)		2.16			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		V	27	0.80	(0.20+0.20+0.20)		12.96			
		D	32	1.50	(0.20+0.20+0.20)		28.80			
		D	31	1.10	(0.20+0.20+0.20)		20.46			
		Reception Entry	1	3.30	(0.20+0.20+0.20)		1.98			
		Kitchen window	2	2.00	(0.20+0.20+0.20)		2.40			
		Store Grill	1	1.80	(0.20+0.20+0.20)		1.08			
							670.60	sqm	227.00	152226.00
	5.9.3	Suspended floors, roofs, landings, balconies and access platform.								
		Slab	1	1386.95			1386.95			
		Porch	1	21.20			21.20			
		Landing Slab	1	3.00	1.20		3.60			
			1	3.00	1.70		5.10			
		Chajja	1	27.30	0.60		16.38			
			1	29.60	0.60		17.76			
			1	12.60	0.60		7.56			
			1	19.80	0.60		11.88			
			1	18.80	0.60		11.28			
			1	12.60	0.60		7.56			
			1	16.32	0.60		9.79			
			1	16.40	0.60		9.84			
			1	26.30	0.60		15.78			
			1	12.00	0.60		7.20			
			2	9.30	0.60		11.16			
			1	4.60	0.60		2.76			
		Kitchen Plateform	1	4.20	0.70		2.94			
			1	8.00	0.70		5.60			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
			1	5.30	0.70		3.71			
			1	1.90	0.70		1.33			
							1559.38	sqm	264.00	411677.00
	5.9.7	Stairs, (excluding landings) except spiral-staircases.								
		Waist Slab	2	2.70	1.70		9.18			
			2	2.75	1.70		9.35			
		Steps	42	1.50	0.15x0.30/2		4.73			
							23.26	sqm	332.00	7721.00
		REINFORCEMENT								
	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire up to floor two level including all wastage etc. complete.								
	5.16.6	Thermo-Mechanically Treated bars.(TMT)								
		140 kg / cum	1	140		675.91	94627.05	kg	60.00	5677623.00
		BRICK WORK								
	6.4	Brick work with well burnt chimney bricks in bulls patent trench kiln, crushing strength not less than 25kg /cm ² and water absorption not more than 20% in superstructure above plinth level and up to floor two level i/c curing etc complete.								
	6.4.2	Cement Mortar 1:6 (1 cement : 6 sand).								
		horizontal								
			1	61.80	0.20	3.10	38.32			
			3	70.20	0.20	3.10	130.57			
			4	9.30	0.20	3.00	22.32			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
			2	34.90	0.20	3.10	43.28			
			2	3.30	0.20	3.10	4.09			
			1	5.00	0.20	3.10	3.10			
			16	4.60	0.20	3.10	45.63			
			2	2.00	0.20	3.10	2.48			
			17	5.30	0.20	3.10	55.86			
			2	4.70	0.20	3.10	5.83			
			2	6.70	0.20	3.10	8.31			
			2	2.00	0.20	3.10	2.48			
			2	6.30	0.20	3.10	7.81			
			2	8.00	0.20	3.10	9.92			
			2	12.00	0.20	3.10	14.88			
			2	1.10	0.20	3.10	1.36			
			2	2.9	0.20	3.10	3.60			
		Entrance Steps	1	5.30	0.90	0.15	0.72			
			1	5.30	0.60	0.15	0.72			
			1	5.30	0.30	0.15	0.24			
			1	4.90	0.60	0.15	0.44			
			1	4.90	0.30	0.15	0.22			
			3	1.90	0.60	0.15	0.51			
			3	1.90	0.30	0.15	0.26			
			2	1.80	0.60	0.15	0.32			
			2	1.80	0.30	0.15	0.16			
		Column	137	0.20	0.20	3.10	-16.99			
		Entrance Plateform	2	1.40	0.20	0.60	0.34			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		W	48	1.80	0.20	1.50	-25.92			
		W1	10	1.00	0.20	1.50	-3.00			
		landing W	2	1.80	0.20	1.50	-1.08			
		V	27	0.60	0.20	0.45	-1.46			
		D	32	1.20	0.20	2.10	-16.13			
		Reception Entry	1	3.00	0.20	2.40	-1.44			
		Kitchen window	2	2.00	0.20	1.50	-1.20			
		Store Grill	1	1.50	0.20	1.50	-0.45			
		Channel gate	1	3.00	0.20	2.50	-7.50			
							328.60	cum	5255.00	1726769.00
	6.14	Providing half brick masonry with well burnt chimney bricks in bull patent trench klin crushing strength not less than 25 kg /cm2 and water absorption not more than 20% in superstructure above plinth level and up to floor two level								
	6.14.2	Cement mortar 1:4 (1 cement : 4 sand)								
			2	8.90		3.48	61.94			
			2	6.50		3.48	45.24			
			20	1.50		3.48	104.40			
			1	1.20		3.48	4.18			
			1	1.55		3.48	5.39			
			2	1.40		3.48	9.74			
			1	4.60		3.48	16.01			
			1	2.20		3.48	7.66			
		Ded	1	1.10		3.48	3.83			
		D	31	0.80		2.10	-52.08			
							206.31	sqm	522.00	107694.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	6.18	Extra for providing and placing in position 2 Nos. 8mm dia. M.S. bars at every third course of half brick masonry (with M.S. bricks					206.31	sqm	127.00	26201.00
		INTERNAL PLASTER								
	13.1	12 mm cement plaster								
	13.1.2	1:6 (1 cement: 6 sand)								
		Staff Toilet	2	4.60		3.48	32.02			
			2	2.00		3.48	13.92			
			2	2.00		3.48	13.92			
			2	1.40		3.48	9.74			
			4	1.40		3.48	19.49			
			4	1.20		3.48	16.70			
		2 Seater	16	3.50		3.48	194.88			
			16	4.00		3.48	222.72			
		Store	2	2.60		4.48	23.30			
			2	4.00		5.48	43.84			
		Visitor room	2	4.00		3.48	27.84			
			2	5.90		3.48	41.06			
			2	2.10		3.48	14.62			
			2	1.10		3.48	7.66			
		Reception	2	4.80		3.48	33.41			
			2	4.90		3.48	34.10			
		Sick room	2	3.50		3.48	24.36			
			2	4.00		3.48	27.84			
		Reading room	2	7.50		3.48	52.20			
			2	4.00		3.48	27.84			
		St case	2	4.80		3.48	33.41			
			1	3.50		3.48	12.18			
		Corridor	2	70.20		3.48	488.59			
		3 Seater	20	4.00		3.48	278.40			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
			20	5.50		3.48	382.80			
		Passage	4	5.45		3.48	75.86			
		Common Room	2	8.00		3.48	55.68			
			2	5.50		3.48	38.28			
		Stcase	2	5.50		3.48	38.28			
			1	5.00		3.48	17.40			
		Room	2	3.10		3.48	21.58			
			2	3.80		3.48	26.45			
		Toilet	2	2.00		3.48	13.92			
			2	1.55		3.48	10.79			
		Kitchen	1	1.90		3.48	6.61			
			2	1.70		3.48	11.83			
		Bed Room	2	3.00		3.48	20.88			
			2	3.80		3.48	26.45			
		Guest Room	2	4.00		3.48	27.84			
			2	5.50		3.48	38.28			
		WC	24	1.50		3.48	125.28			
			24	1.40		3.48	116.93			
			2	8.90		3.48	61.94			
			2	6.50		3.48	45.24			
			2	5.10		3.48	35.50			
			2	1.60		3.48	11.14			
			2	2.00		3.48	13.92			
		Bath	20	1.50		3.48	104.40			
			20	1.20		3.48	83.52			
		Passage	2	6.35		3.48	44.20			
		Store	2	3.30		3.48	22.97			
			2	3.50		3.48	24.36			
			2	2.45		3.48	17.05			
			1	1.50		3.48	5.22			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Store	2	3.30		3.48	22.97			
			2	2.60		3.48	18.10			
		WC	8	1.20		3.48	33.41			
		Preparation Room	2	5.00		3.48	34.80			
			2	8.40		3.48	58.46			
		Kitchen	2	4.90		3.48	34.10			
			2	8.00		3.48	55.68			
		Pantry	2	4.90		3.48	34.10			
			2	3.40		3.48	23.66			
		Diniong	2	20.90		3.48	145.46			
		W	48	1.80		1.50	-129.60			
		W1	10	1.00		1.50	-15.00			
		landing W	2	1.80		1.50	-5.40			
		V	27	0.60		0.45	-7.29			
		D	32	1.20		2.10	-80.64			
		D	31	0.90		2.10	-58.59			
		Reception Entry	1	3.00		2.40	-7.20			
		Kitchen window	2	2.00		1.50	-6.00			
		Store Grill	1	1.50		1.50	-2.25			
		Channel gate	1	3.00		2.50	-7.50			
							3359.91	sqm	110.00	369590.00
	13.2	15 mm cement plaster on rough side of single or half brick wall of mix :								.
	13.2.2	1:6 (1 cement: 6 sand)								
		Walls	1	325.95		4.20	1368.99			
		Steps side	2	1.17			2.34			
		Column porch	2	0.50		3.40	3.40			
		Wash Area Wall	1	23.56		3.40	80.10			
		W	48	1.80		1.50	-129.60			
		W1	10	1.00		1.50	-15.00			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		landing W	2	1.80		1.50	-5.40			
		V	27	0.60		0.45	-7.29			
		Reception Entry	1	3.00		2.40	-7.20			
		Kitchen window	2	2.00		1.50	-6.00			
		Store Grill	1	1.50		1.50	-2.25			
		Channel gate	1	3.00		2.50	-7.50			
							1274.59	sqm	128.00	163148.00
	13.8	6mm cement plaster of mix.								
		Staff toilet	1	4.60	3.50		4.60			
		2 seater room	8	4.00	3.50		112.00			
		STORE	1	2.60	4.00		10.40			
		VISITOR	1	4.00	5.90		23.60			
		Reception	1	4.90	4.50		22.05			
		Sick room	1	3.50	4.00		14.00			
		Reading room	1	7.20	4.00		28.80			
		Corridor	1	70.20	2.00		140.40			
		3 Seater room	10	4.00	5.50		220.00			
		Passage	2	5.45	2.00					
		Common room	1	8.20	5.50		45.10			
		St case	1	5.00	5.50		27.50			
		Room	2	3.00	3.80		22.80			
		Guest room	1	4.00	5.50		22.00			
		Toilet	2	8.90	4.70		83.66			
			2	1.90	2.00		7.60			
		Passage	1	6.30	1.80		11.34			
		Store	1	8.00	3.50		28.00			
		WC	2	1.20	1.20		2.88			
		Wash	1	24.78			24.78			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Kitchen	1	4.90	8.00		39.20			
		Pantry	1	4.90	3.40		16.66			
		Dining hall	1	20.90	11.60		242.44			
		Porch	1	21.20			21.20			
		Landing Slab	1	3.00	1.20		3.60			
			1	3.00	1.70		5.10			
		Chajja	1	27.30	0.60		16.38			
			1	29.60	0.60		17.76			
			1	12.60	0.60		7.56			
			1	19.80	0.60		11.88			
			1	18.80	0.60		11.28			
			1	12.60	0.60		7.56			
			1	16.32	0.60		9.79			
			1	16.40	0.60		9.84			
			1	26.30	0.60		15.78			
			1	12.00	0.60		7.20			
			2	9.30	0.60		11.16			
			1	4.60	0.60		2.76			
		Kitchen Platform	1	4.20	0.70		2.94			
			1	8.00	0.70		5.60			
			1	5.30	0.70		3.71			
			1	1.90	0.70		1.33			
		Waist Slab	2	2.70	1.70		9.18			
			2	2.75	1.70		9.35			
							1340.77	sqm	96.00	128714.00
		FLOORING								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	11.53	Providing and laying Vitrified tiles in different sizes, with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make in all colours and shade in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 sand), including grouting the joint with white cement and matching pigments etc. complete.								
	11.53.1	Size of Tile 50x50 cm								
		Staff toilet	1	4.60	3.50		16.10			
		2 seater room	8	4.00	3.50		112.00			
		STORE	1	2.60	4.00		10.40			
		VISITOR	1	4.00	5.90		23.60			
		Reception	1	4.90	4.50		22.05			
		Sick room	1	3.50	4.00		14.00			
		Reading room	1	7.20	4.00		28.80			
		Corridor	1	70.20	2.00		140.40			
		3 Seater room	10	4.00	5.50		220.00			
		Passage	2	5.45	2.00		21.80			
		Common room	1	8.20	5.50		45.10			
		St case	1	5.00	5.50		27.50			
		Room	2	3.00	3.80		22.80			
		Guest room	1	4.00	5.50		22.00			
		Toilet	2	8.90	4.70		83.66			
			2	1.90	2.00		7.60			
		Passage	1	6.30	1.80		11.34			
		Store	1	8.00	3.50		28.00			
		WC	2	1.20	1.20		2.88			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Kitchen	1	4.90	8.00		39.20			
		Pantry	1	4.90	3.40		16.66			
		Dining hall	1	20.90	11.60		242.44			
						Total	1158.33			
		Add 20 % for sill , wall top etc					231.67			
							1390.00	sqm	1013.00	1408066.00
	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.								
		Riser	45	1.50		0.15	10.125			
		Treds	43	1.50	0.30		19.350			
		Landing Slab	1	3.00	1.20		3.60			
			1	3.00	1.70		5.10			
		Porch	1	21.20			21.20			
		Wash Area	1	24.78			24.78			
		Entrance Steps	1	5.30	0.30		1.59			
			1	5.30	0.30		1.59			
			1	5.30	0.30		1.59			
			1	5.30		0.15	0.80			
			1	5.30		0.15	0.80			
			1	5.30		0.15	0.80			
			1	4.90	0.30		1.47			
			1	4.90	0.30		1.47			
			1	4.90		0.15	0.74			
			1	4.90		0.15	0.74			
			3	1.90	0.30		1.71			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
			3	1.90	0.30		1.71			
			3	1.90		0.15	0.86			
			3	1.90		0.15	0.86			
			2	1.80	0.30		1.08			
			2	1.80	0.30		1.08			
			2	1.80		0.15	0.54			
			2	1.80		0.15	0.54			
		Entrance Platform	2	1.40	5.30		14.84			
							118.93			
		Add 20 % for sill , wall top etc					23.79			
							142.72	sqm	1043.00	148853.00
	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	Granite of any colour and shade								
		Kitchen Platform	1	4.20	0.70		2.94			
			1	8.00	0.70		5.60			
			1	5.30	0.70		3.71			
			1	1.90	0.70		1.33			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
							13.58	sqm	3322.00	45113.00
	11.48	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS : 15622 (having thickness 6 to 7mm) of approved make in all Colours shades, such as burgundy, Bottle green, Black of size 300x450mm or more in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement : 3 sand) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.								
		WC	24	1.50		2.10	75.60			
			24	1.40		2.10	70.56			
			2	8.90		2.10	37.38			
			2	6.50		2.10	27.30			
			2	5.10		2.10	21.42			
			2	1.60		2.10	6.72			
			2	2.00		2.10	8.40			
		Bath	20	1.50		2.10	63.00			
			20	1.20		2.10	50.40			
		WC	8	1.20		3.48	33.41			
		Staff Toilet	2	4.60		2.10	19.32			
			2	2.00		2.10	8.40			
			2	2.00		2.10	8.40			
			2	1.40		2.10	5.88			
			4	1.40		2.10	11.76			
			4	1.20		2.10	10.08			
		Toilet	2	2.00		2.10	8.40			
			2	1.55		2.10	6.51			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Kitchen Plateform	1	4.20		0.60	2.52			
			1	8.00		0.60	4.80			
			1	5.30		0.60	3.18			
			1	1.90		0.60	1.14			
							484.58	sqm	937.00	454051.00
	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								
	10.13.5	Profile C of 1.25mm thick single rebate of size 100mmx50mm								
	10.13.5.1	Fixing with adjustable lugs with split end tail to each jamb.								
		D	31	(0.8+2.10+2.10)			155.00			
		D	32	(1.2+2.10+2.10)			172.80			
							327.80	Rmtr	384.95	126187.00
		DOOR SHUTTER								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	9.19	Providing and fixing ISI marked flush door shutters conforming to IS: 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 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.								
	9.19.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.								
		D	31	0.80		2.10	52.08			
		D	32	1.20		2.10	80.64			
							132.72	sqm	2237.00	296895.00
	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) :								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)								
		W	48	1.80		1.20	103.68			
		W1	10	1.00		1.20	12.00			
		W2	2	2.00		1.20	4.80			
		V	27	0.60		0.45	7.29			
		Ent Gate	1	3.00		2.40	7.20			
							134.97	sqm		
		wt @ 5 kg/sqm					674.85	kg	377.00	254418.00
	10.27	Providing and fixing glass panes/ steel sheet/ Fibre sheet with putty and glazing clips in steel doors, windows, clerestory windows all complete.								
	10.27.1	With 4.0 mm thick glass panes.					134.97	sqm	792.00	106896.00
	21.9	Filling the gap in between aluminium frame and adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.								
	21.9.1	Upto 5mm depth and 5 mm width								
		W	48x2	1.80			172.80			
			48x2	1.20			115.20			
		W1	10x2	1.80			18.00			
			10x2	1.20			12.00			
		W	2x2	2.00			8.00			
			2x2	1.20			4.80			
		V	27x2	0.60			32.40			
			27x2	0.45			24.30			
							387.50	mtr	82.00	31775.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	10.1	Providing and fixing factory made ISI marked steel glazed doors, windows and ventilators side /top /centre hung with beading and all members such as F7D, F4B, K11 B and K12 B etc. complete of standard rolled steel sections, joints mitred and flash butt welded and sash bars tenoned and riveted, including providing and fixing of hinges, pivots, including priming coat of approved steel primer, but excluding the cost of other fittings, complete all as per approved design (sectional weight of only steel members shall be measured for payment).								
	10.10.1	Fixing with 15x3 mm lugs 10 cm. long embedded in cement concrete block 15x10x10 cm of Cement Concrete 1:3:6 (1 Cement : 3 sand : 6 graded stone aggregate 20 mm nominal size).								
		Windows								
		W	48	1.80		1.20	103.68			
		W1	10	1.00		1.20	12.00			
		W2	2	2.00		1.20	4.80			
		V	27	0.60		0.45	7.29			
							127.77	sqm		
		wt = 30 kg/sqm					3833.10	kg	106.00	406309.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	10.3	Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2mm and braced with flat iron diagonals 20x5mm size with top and bottom rail of T-iron 40x40x6mm with 40mm dia steel pulleys complete with bolts, nuts, locking arrangement, stoppers,handles, including applying a priming coat of approved steel primer. Rate includes recess cutting in floor and making good the same wherever required								
		Channel gate	1	3.00	2.40	2.10	15.12			
							15.12	sqm	4131.90	62474.00
	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.hoisting, fixing in position and applying a priming coat of approved steel								
	10.22.2	In gratings, frames, guard bar, ladder, railings,brackets, gates and similar works.								
		Railling	2	2.74		0.90	4.93			
			2	2.75		0.90	4.95			
							9.88	sqm		
		wt = 15Kg/sqm					148.23	kg	85.10	12614.00
	10.24	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying a priming coat of approved steel primer								
	10.24.2	E.R.W. tubes.								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
		Railling	2	2.74			5.48			
			2	2.75			5.50			
							10.98	mtr		
		Wt = 3.65 kg/mtr					40.08	kg	131.80	5282.00
		PAINTING								
	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 priming coat with cement primer								
		Qty same as internal plaster & ceiling plaster					4700.68	sqm	60.00	282041.00
	13.57	Finishing walls with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :								
	13.32.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm. over and including one coat of Special primer applied @ 0.75 ltr / 10 sqm.								
		same as external plaster					1274.59	sqm	81.00	103242.00
	13.33	Finishing walls with water proofing cement paint of required shade :								
	13.33.1	New work (Two or more coats applied @ 3.84 kg/10 sqm).								
		same as external plaster					1274.59	sqm	48.00	61180.00
	13.58	Applying priming coat :								
	13.58.1	With ready mixed pink/Grey primer of approved brand and manufacture on wood work (hard & soft wood)								
		Doors								
		D	31	0.80		2.10	52.08			
		D	32	1.20		2.10	80.64			

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
							132.72			
		both side					265.44	sqm	25.00	6636.00
	13.58.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works								
		railling					9.88			
		window					134.97			
		Channel gate	1	3.00		2.40	7.20			
							152.05	sqm		
		both side					304.10	sqm	19.00	5778.00
	13.69	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:								
	13.69.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture								
		Doors								
		D	31	0.80		2.10	52.08			
		D	32	1.20		2.10	80.64			
		W	48	1.80		1.20	103.68			
		W1	10	1.00		1.20	12.00			
		W	2	2.00		1.80	7.20			
		V	27	0.60		0.45	7.29			
		Channel gate	1	3.00		2.10	6.30			
							269.19			
		Both side					538.380	sqm	77.00	41455.00
		FITTINGS								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	9.109	Providing and fixing aluminium sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete								
	9.109.2	250x16mm								
		D	31	1			31			
		D	32	1			32			
							63	no	195.00	12285.00
	9.110	Providing and fixing aluminium tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete :								
	9.110.2	250x10mm								
		D	31	2			62			
		D	32	2			64			
							126	no	102.00	12852.00
	9.11	Providing and fixing aluminium handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade with necessary screws etc. complete:								
	9.113.2	.b) 100mm								
		D	31	2			62			
		D	32	2			64			
							126	no	55.00	6930.00

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	12.17	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2sand : 4 stone aggregate 10mm and down graded) including finishing with cement mortar 1:3 (1 Cement : 3 fine sand) as perstandard design:								
		12.17.1 In 75x75mm deep chase								
		Chajja	1	27.30			27.30			
			1	29.60			29.60			
			1	12.60			12.60			
			1	19.80			19.80			
			1	18.80			18.80			
			1	12.60			12.60			
			1	16.32			16.32			
			1	16.40			16.40			
			1	26.30			26.30			
			1	12.00			12.00			
			2	9.30			18.60			
			1	4.60			4.60			
							214.92	mtr	82.00	17623.00
	17.3	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern and C.P. flush bend with fittings and C.I.brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required :								

S.no.	SOR item no.	Item	No.	L	B	H/d	Qty	Unit	Rate	Amount
	17.3.1	W.C. pan with ISI marked white solid plastic seat and lid.	17	1			17.00	no	4613.00	78421.00
	17.11	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :								
	17.11.1	White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap.	24	1			24.00	no	2460.00	59040.00
		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								
		Sand Cast iron SandS as per IS- 1729.								
		100 mm inlet and 75 mm outlet	34	1			34.00	no	840.00	28560.00
		Total Amount								18537285.00
		Deduct 10% SOR								1853728.50
		Total Amount								16683556.50