

AT NAGAR PANCHAYAT PANDATARAI, DIST:- KABIR-DHAM (C.G)

[AS PER P.W.D. BUILDING S.O.R. WITH EFFECT FROM 01.01.2015]
[AS PER P.W.D. BUILDING S.O.R. WITH EFFECT W.E.F. 01.06.2020]

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]

[As per S.O.R.P.W.D ELECT W.E.F. 01.06.2020]		AR NAVEEN SAHU	
S.No.	Particular's of Item	Quantity	Rate Amount
1	MANGAL BHAWAN (Khasa No-11)		Estimated 8000000.00
		G.TOTAL	8000000.00
		SAY AS.	8000000.00
		IN LACS.	80.00

[RUPEES IN WORDS : EIGHTY LACS ONLY]

**Chief Municipal Officer
Nagar Panchayat Pandatarai
Dist- Kabirdham (C.G)**

Sub-Engineer,
Nagar Palika, Pandarai



No. 24 - DAB-22.04.26
Technical Division of Nagar Nigam
Palika / Panthayat N. P. B. Pandatwarai.
Here by Guaranteed for the Construction
& Repairing of Mangal Bhawan
In Ward No. 11
for Rs. 80.00 L. (Rupees) Rs.
EIGHTY LACS ONLY.

Check by me

नवरीय प्रशासन एवं विज्ञान
A दुर्ग संभागा, दुर्ग (छ.ग.)

अधीक्षण अभियंता
नगरीय प्रज्ञासन एवं विकास
दुर्ग संभाग, दुर्ग (छ.प.)

ARCHITECT NAVEEN SAHU and ASSOCIATES

ESTIMATE OF MANGALIK BHAWAN

AT NAGAR PANCHAYAT PANDATARAI, DIST:- KABIR-DHAM (C.G)
(GROUND FLOOR)

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

A. NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
1	Earth work in Excavation								
	Excavation for all types and sizes of foundation, trenches and drains or for any other purpos including disposal of excavated stuff upto 1.5 m lift and upto 50 m (at least 5m away from the excavated area), including dressing and leveling of pits. Page No.9, Item No.1.1(i) In all types of soil								
	For Footing								
	F1	6	1.70	1.70	2.00	34.68			
	F2	48	2.00	2.00	2.00	384.00			
	F3	8	2.30	2.30	2.00	84.64			
	Wall base								
	Below g..b. horizontal	2	4.50	0.30	0.20	0.54			
		2	3.25	0.30	0.20	0.39			
		2	5.10	0.30	0.20	0.61			
		4	4.10	0.30	0.20	0.98			
		2	1.70	0.30	0.20	0.20			
		2	3.90	0.30	0.20	0.47			
		1	4.00	0.30	0.20	0.24			
	Below g..b. vertical	2	3.60	0.30	0.20	0.43			
		2	3.30	0.30	0.20	0.40			
		2	2.97	0.30	0.20	0.36			
		2	2.87	0.30	0.20	0.34			
		2	0.71	0.30	0.20	0.09			
		2	1.60	0.30	0.20	0.19			
		2	3.40	0.30	0.20	0.41			
		2	1.80	0.30	0.20	0.22			
		2	3.20	0.30	0.20	0.38			
		2	1.50	0.30	0.20	0.18			
		2	1.65	0.30	0.20	0.20			
	ramp	2	2.30	0.45	0.45	0.93			
		2	1.20	0.45	0.45	0.49			
						511.37	185.00	Cum.	94602.99
	Extra for every additional lift of 1.5 m or part thereof . All types of Soil. Page No.10, Item No.1.6.1								
	F1	6	1.70	1.70	0.50	8.67			
	F2	48	2.00	2.00	0.50	96.00			
	F3	8	2.30	2.30	0.50	21.16			
						125.83	26.50	Cum.	3334.50
2	P.C.C. Base Conc.								
	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. Page No.23, Item No.3.1.2(ii) 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).								
	column footing :-								
	F1	6	1.70	1.70	0.15	2.60			
	F2	48	2.00	2.00	0.15	28.80			
	F3	8	2.30	2.30	0.15	6.35			
	Wall base								
	Below g..b. horizontal	2	4.50	0.30	0.10	0.27			
		2	3.25	0.30	0.10	0.20			
		2	5.10	0.30	0.10	0.31			
		4	4.10	0.30	0.10	0.49			
		2	1.70	0.30	0.10	0.10			
		2	3.90	0.30	0.10	0.23			
		1	4.00	0.30	0.10	0.12			
	Below g..b. vertical	2	3.60	0.30	0.10	0.22			
		2	3.30	0.30	0.10	0.20			
		2	2.97	0.30	0.10	0.18			
		2	2.87	0.30	0.10	0.17			
		2	0.71	0.30	0.10	0.04			

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AR NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
		2	1.60	0.30	0.10	0.10			
		2	3.40	0.30	0.10	0.20			
		2	1.80	0.30	0.10	0.11			
		2	3.20	0.30	0.10	0.19			
		2	1.50	0.30	0.10	0.09			
		2	1.65	0.30	0.10	0.10			
	Below P.b. horizontal	2	4.50	0.30	0.10	0.27			
		2	3.25	0.30	0.10	0.20			
		2	3.10	0.30	0.10	0.19			
		2	2.20	0.30	0.10	0.13			
		1	3.00	0.30	0.10	0.09			
		8	4.10	0.30	0.10	0.98			
		2	1.80	0.30	0.10	0.11			
		2	3.90	0.30	0.10	0.23			
	Below P.b. vertical	2	3.60	0.30	0.10	0.22			
		4	2.92	0.30	0.10	0.35			
		6	2.77	0.30	0.10	0.50			
		4	1.60	0.30	0.10	0.19			
		2	3.40	0.30	0.10	0.20			
		4	1.80	0.30	0.10	0.22			
		2	3.20	0.30	0.10	0.19			
	0.1m th wall	2	1.50	0.30	0.10	0.09			
		2	2.70	0.30	0.10	0.16			
		2	2.50	0.30	0.10	0.15			
		4	1.60	0.30	0.10	0.19			
	Below Steps	2	3.50	0.90	0.10	0.63			
		1	4.30	0.90	0.10	0.39			
	ramp	2	2.30	0.45	0.10	0.21			
		2	1.20	0.45	0.10	0.11			
						47.06	2659.00	Cum.	125127.22
	(iii) 1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size).Page No.23,Item No.3.1.3(iii)								
	Hall	1	13.10	18.25	0.10	23.91			
	Stage	1	4.55	2.10	0.10	0.96			
	VIP room with toilets	2	4.90	3.60	0.10	3.53			
	Kitchen	1	6.90	3.60	0.10	2.48			
	Passage	2	6.75	3.30	0.10	4.46			
		1	3.60	1.20	0.10	0.43			
	Dinning Hall	2	5.30	7.35	0.10	7.79			
	Toilets	2	4.50	1.60	0.10	1.44			
		2	4.50	3.40	0.10	3.06			
	PHT with passage	2	3.30	1.80	0.10	1.19			
	Staircase	1	4.50	3.20	0.10	1.44			
	Passage	2	1.80	8.80	0.10	3.17			
	Entrance Lobby	1	17.10	3.50	0.10	5.99			
	Porch	1	4.30	1.80	0.10	0.77			
						60.61	2970.00	Cum.	180005.76
3	R.C.C. work								
	Providing and laying nominal mix reinforcement cement concrete with crushed stone aggregate using concrete mixer in all work upto floor five level excluding cost of reinforcement and form work. Page No.23,Item No.3.4(ii) 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
	column footing :-								
	F1	6	1.50	1.50	0.30	4.05			
		6	0.50	0.50	0.20	0.30			
	F2	48	1.80	1.80	0.40	62.21			
		48	0.40	0.60	0.20	2.30			
	F3	8	2.10	2.10	0.45	15.88			
		8	0.50	0.70	0.20	0.56			
						85.30			
	(b) Column C1	4	0.20	0.30	3.35	0.80			
	C2	48	0.20	0.40	3.25	12.48			
	C2	8	0.30	0.50	3.40	4.08			
	C3	2	0.07065	sqm	3.35	0.47			
						17.84			
	=3.14*0.15*0.15=0.09616								

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

AR NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	(c) beam								
	g..b. horizontal	2	4.50	0.20	0.40	0.72			
		2	3.25	0.20	0.30	0.39			
		2	5.10	0.20	0.40	0.82			
		4	4.10	0.20	0.40	1.31			
		2	1.70	0.20	0.20	0.14			
		2	3.90	0.20	0.40	0.62			
		1	4.00	0.20	0.40	0.32			
	g..b. vertical	2	3.60	0.20	0.30	0.43			
		2	3.30	0.20	0.30	0.40			
		2	2.97	0.20	0.30	0.36			
		2	2.87	0.20	0.30	0.34			
		2	0.71	0.20	0.30	0.09			
		2	1.60	0.20	0.20	0.13			
		2	3.40	0.20	0.30	0.41			
		2	1.80	0.20	0.20	0.14			
		2	3.20	0.20	0.30	0.38			
		2	1.50	0.20	0.20	0.12			
		2	1.65	0.20	0.20	0.13			
	P.b. horizontal	2	4.50	0.20	0.40	0.72			
		2	3.25	0.20	0.30	0.39			
		2	3.10	0.20	0.30	0.37			
		2	2.20	0.20	0.20	0.18			
		1	3.00	0.20	0.30	0.18			
		8	4.10	0.20	0.40	2.62			
		2	1.80	0.20	0.20	0.14			
		2	3.90	0.20	0.40	0.62			
	P.b. vertical	2	3.70	0.20	0.30	0.44			
		4	2.92	0.20	0.30	0.70			
		6	2.77	0.20	0.20	0.66			
		4	1.60	0.20	0.20	0.26			
		2	3.40	0.20	0.30	0.41			
		4	1.80	0.20	0.20	0.29			
		2	3.20	0.20	0.30	0.38			
	0.1m th wall	2	1.50	0.10	0.20	0.06			
		2	2.70	0.10	0.20	0.11			
		2	2.50	0.10	0.20	0.10			
		4	1.60	0.10	0.20	0.13			
						16.02			
						119.15	4163.00	cum	496042.0777
	Extra for laying PCC/ RCC of any grade in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: Page No.23,Item No.3.4								
	4163 +97.5 = 4260.5								
	(b) Column C1	4	0.20	0.30	4.20	1.01			
	C2	32	0.20	0.40	4.20	10.75			
		16	0.20	0.40	3.30	4.22			
		8	0.20	0.40	2.40	1.54			
	C2	8	0.30	0.50	3.30	3.96			
	C3	2	0.07065	sqm	4.20	0.59			
	=3.14*0.15*0.15=0.09616					22.07			
	Lintel Beam horizontal	4	4.50	0.20	0.40	1.44			
		4	3.25	0.20	0.30	0.78			
		2	5.10	0.20	0.40	0.82			
		11	4.10	0.20	0.40	3.61			
		2	1.70	0.20	0.20	0.14			
		2	3.90	0.20	0.40	0.62			
		1	4.00	0.20	0.40	0.32			
		2	2.20	0.20	0.20	0.18			
		1	3.00	0.20	0.30	0.18			
		6	1.80	0.20	0.20	0.43			
	Lintel Beam vertical	4	3.60	0.20	0.30	0.86			
		2	3.30	0.20	0.30	0.40			
		2	2.97	0.20	0.30	0.36			
		2	2.87	0.20	0.30	0.34			
		2	0.71	0.20	0.20	0.06			
		6	1.60	0.20	0.20	0.38			
		4	3.40	0.20	0.30	0.82			
		4	1.80	0.20	0.20	0.29			
		2	3.20	0.20	0.30	0.38			
		2	1.50	0.20	0.20	0.12			

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

AR NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
		2	1.65	0.20	0.20	0.13			
		4	2.92	0.20	0.20	0.47			
		6	2.77	0.20	0.20	0.66			
	0.1m th beam	2	1.50	0.10	0.20	0.06			
		2	3.60	0.10	0.20	0.14			
		2	2.30	0.10	0.20	0.09			
		4	1.60	0.10	0.20	0.13			
	Slab beam Horizontal	2	3.10	0.20	0.30	0.37			
		2	3.90	0.20	0.40	0.62			
		1	4.10	0.20	0.40	0.33			
		1	5.70	0.20	0.40	0.46			
		4	5.10	0.20	0.40	1.63			
		4	1.80	0.20	0.20	0.29			
		1	4.00	0.20	0.40	0.32			
		2	2.40	0.20	0.30	0.29			
	Slab beam Vertical	1	3.60	0.20	0.30	0.22			
		2	3.30	0.20	0.30	0.40			
		2	3.20	0.20	0.30	0.38			
		2	1.65	0.20	0.20	0.13			
		4	2.92	0.20	0.30	0.70			
		6	2.77	0.20	0.30	1.00			
						21.34			
	(d) G.F. Slab								
	Chajja	14	1.70	0.60	0.08	1.14			
		4	2.30	0.60	0.08	0.44			
		2	1.80	0.60	0.08	0.17			
	Stair Case Upto 3.3m Height								
	Slop	4	3.90	1.50	0.125	2.93			
	Landing	2	3.20	1.60	0.125	1.28			
	Steps(0.30x0.15)/2 = 0.0225	42	1.50	0.0225	-	1.42			
	Slab	1	17.70	7.50	0.10	13.28			
		2	1.20	3.50	0.10	0.84			
		2	5.70	7.55	0.10	8.61			
		2	6.90	11.00	0.10	15.18			
		2	2.00	1.70	0.10	0.68			
		1	13.50	3.90	0.10	5.27			
		1	5.00	2.10	0.10	1.05			
						52.28			
	Deduction								
	Stair	2	4.50	3.20	0.10	2.88			
						2.88			
						49.40			
						92.81	4260.50	Cum.	395431.3203
	4163 +97.5+97.5 = 4358								
	(b) Column C2	8	0.20	0.40	2.70	1.73			
	C2	8	0.30	0.50	2.70	3.24			
						4.97			
	Slab beam Horizontal	2	3.10	0.20	0.30	0.37			
		2	3.90	0.20	0.40	0.62			
		1	4.10	0.20	0.40	0.33			
		1	5.70	0.20	0.40	0.46			
		4	12.90	0.30	0.75	11.61			
	Slab beam Vertical	4	2.92	0.20	0.20	0.47			
		6	2.77	0.20	0.20	0.66			
	Mumty Beams	4	4.10	0.20	0.40	1.31			
		4	3.20	0.20	0.30	0.77			
						16.60			
	(d) G.F. Slab								
	Slab	1	13.50	16.55	0.10	22.34			
	Mumty Slab	2	5.50	3.60	0.10	3.96			
						26.30			
						47.87	4358.00	Cum.	208628.355
4	Steel								
	Providing and placing in position								
	reinforcement for R.C.C work including								
	straightening, cutting, bending, binding								
	etc. complete as per drawings including								
	cost of binding wire in foundation & plinth								

ARCHITECT NAVEEN SAHU and ASSOCIATES

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AR NAVEEN SAHU

S. N	PARTICULARS	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	all complete:thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
	(a)Footing taking		85.30	80	Kg/Cum.	6823.84			
	(b)Column taking		44.88	115	Kg/Cum.	5161.06			
	(c)Beam taking		53.97	110	Kg/Cum.	5936.17			
	(d) Slab taking		75.70	110	Kg/Cum.	8326.87			
						26247.94	54.50	Kg.	1430512.93
5	Centering & Shuttering								
a	Providing and fixing formwork ncluding, shuttering, strutting,staging, propping bracing etc. complete and including its removal at levels, for: Page No.16,Item No.2.1 (i)Foundation, footings, bass of columns and plinth beam in any. Shape and size								
	Footing								
	F1	6x4	1.50	--	0.30	10.80			
		6x4	0.50	--	0.20	2.40			
	F2	48x4	1.80	--	0.40	138.24			
		48x2	0.40	--	0.20	7.68			
		48x2	0.60	--	0.20	11.52			
	F3	8x4	2.10	--	0.20	13.44			
		8x2	0.50	--	0.40	3.20			
		8x2	0.70	--	0.40	4.48			
	BEAMS								
	g..b. horizontal	2	4.50	--	0.80	7.20			
		2	3.25	--	0.60	3.90			
		2	5.10	--	0.80	8.16			
		4	4.10	--	0.80	13.12			
		2	1.70	--	0.40	1.36			
		2	3.90	--	0.80	6.24			
		1	4.00	--	0.80	3.20			
	g..b. vertical	2	3.60	--	0.60	4.32			
		2	3.30	--	0.60	3.96			
		2	2.97	--	0.60	3.56			
		2	2.87	--	0.60	3.44			
		2	0.71	--	0.40	0.57			
		2	1.60	--	0.40	1.28			
		2	3.40	--	0.60	4.08			
		2	1.80	--	0.40	1.44			
		2	3.20	--	0.60	3.84			
		2	1.50	--	0.40	1.20			
		2	1.65	--	0.40	1.32			
	P.b. horizontal	2	4.50	--	0.80	7.20			
		2	3.25	--	0.60	3.90			
		2	3.10	--	0.60	3.72			
		2	2.20	--	0.40	1.76			
		1	3.00	--	0.40	1.20			
		8	4.10	--	0.80	26.24			
		2	1.80	--	0.40	1.44			
		2	3.90	--	0.80	6.24			
	P.b. vertical	2	3.60	--	0.60	4.32			
		4	2.92	--	0.60	7.01			
		6	2.77	--	0.60	9.97			
		4	1.60	--	0.40	2.56			
		2	3.40	--	0.60	4.08			
		4	1.80	--	0.40	2.88			
		2	3.20	--	0.60	3.84			
	0.1m th wall	2	1.50	--	0.40	1.20			
		2	2.70	--	0.40	2.16			
		2	2.50	--	0.40	2.00			
		4	1.60	--	0.40	2.56			
						358.24	139.00	Sqm.	49794.80
b	(vi) Columns,pillars Piers and likes-rectagular or square in shape								
	Column								
	C1=4x2	8	0.20	--	6.95	11.12			
		8	--	0.30	6.95	16.68			

ARCHITECT NAVEEN SAHU and ASSOCIATES

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

AR NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	C2=32x2	64	0.20	--	6.95	88.96			
		64	--	0.40	6.95	177.92			
	C2=16x2	32	0.20	--	9.05	57.92			
		32	--	0.40	9.05	115.84			
	C2=8x2	16	0.20	--	8.45	27.04			
		16	--	0.40	8.45	54.08			
	C6=2x1	2	0.942	sqm	6.95	13.09			
	2*3.14*0.15=0.942					562.65	297.00	Sqm.	167108.18
c	(ix) Beams,lintels,canillevers & walls								
	Beam								
	Lintel Beam horizontal	4	4.50	--	1.00	18.00			
		4	3.25	--	0.80	10.40			
		2	5.10	--	1.00	10.20			
		11	4.10	--	1.00	45.10			
		2	1.70	--	0.60	2.04			
		2	3.90	--	1.00	7.80			
		1	4.00	--	1.00	4.00			
		2	2.20	--	0.60	2.64			
		1	3.00	--	0.80	2.40			
		6	1.80	--	0.60	6.48			
	Lintel Beam vertical	4	3.60	--	0.80	11.52			
		2	3.30	--	0.80	5.28			
		2	2.97	--	0.80	4.75			
		2	2.87	--	0.80	4.59			
		2	0.71	--	0.60	0.85			
		6	1.60	--	0.60	5.76			
		4	3.40	--	0.80	10.88			
		4	1.80	--	0.60	4.32			
		2	3.20	--	0.80	5.12			
		2	1.50	--	0.60	1.80			
		2	1.65	--	0.60	1.98			
		4	2.92	--	0.60	7.01			
		6	2.77	--	0.60	9.97			
	0.1m th beam	2	1.50	--	0.50	1.50			
		2	3.60	--	0.50	3.60			
		2	2.30	--	0.50	2.30			
		4	1.60	--	0.50	3.20			
	Slab beam Horizontal	2	3.30	--	0.80	5.28			
		2	3.90	--	1.00	7.80			
		1	4.10	--	1.00	4.10			
		1	5.70	--	1.00	5.70			
		2	5.30	--	1.00	10.60			
		2	1.80	--	0.60	2.16			
		1	4.00	--	1.00	4.00			
		2	2.40	--	0.60	2.88			
	Slab beam Vertical	1	3.60	--	0.80	2.88			
		2	3.30	--	0.80	5.28			
		2	3.20	--	0.80	5.12			
		2	1.65	--	0.60	1.98			
		4	2.92	--	0.60	7.01			
		6	2.77	--	0.60	9.97			
	At first Floor Lvl								
	Slab beam Horizontal	2	3.10	--	0.80	4.96			
		2	3.90	--	1.00	7.80			
		1	4.10	--	1.00	4.10			
		1	5.70	--	1.00	5.70			
		4	12.90	--	1.80	92.88			
	Slab beam Vertical	4	2.92	--	0.80	9.34			
		6	2.77	--	0.80	13.30			
	Mumty Beams	4	4.10	--	1.00	16.40			
		4	3.20	--	0.80	10.24			
						432.98	202.00	Sqm.	87461.15
d	(viii) Suspended floors,roofs,access platform,balconies (plain surfaces) and shelves (cast in stu)								
	(a) Weather shade, chhajja, Cornices and mouldings Page No.17, Item No.2.1.13								
	Chajja	14	1.70	0.60	--	14.28			
		4	2.30	0.60	--	5.52			
		2	1.80	0.60	--	2.16			
						21.96	294.00	Sqm.	6456.24
e	(b) Stair cases of all types excluding spiral								

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	and folded plate type, including risers and landings Page No.17, Item No.2.1.15								
	Stair Case Upto 3.3m Height								
	Slop	4	3.90	1.50	-	23.40			
	Landing	2	3.20	1.60	-	10.24			
	Steps	42	1.20	-	0.15	7.56			
		84		0.02		1.89			
						43.09	230.00	Sqm.	9910.70
f	(viii) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)								
	At Ground Slab	1	17.70	7.50	-	132.75			
		2	1.20	3.50	-	8.40			
		2	5.70	7.55	-	86.07			
		2	6.90	11.00	-	151.80			
		2	2.00	1.70	-	6.80			
		1	13.50	3.90	-	52.65			
		1	5.00	2.10	-	10.50			
	At First Slab	1	13.50	16.55	-	223.43			
	Mumty Slab	2	5.50	3.60	-	39.60			
						712.00			
	Deduction								
	Stair	1	4.50	3.20	-	14.40			
						14.40			
						697.60	235.00	Sqm.	163934.83
6	Excavated Earth filling in footings								
	Filling from available excavated stuff (Excluding rock) in trenches plinth, sides of foundation etc. in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering with a lead upto 50M. And lift upto 1.5 M. Page No.11, Item No.1.17								
	F1	6	1.70	1.70	1.00	17.34			
	F2	48	2.00	2.00	1.00	192.00			
	F3	8	2.30	2.30	1.00	42.32			
						251.66			
	Deduction for column footing :-								
	F1	6	1.50	1.50	0.30	4.05			
		6	0.50	0.50	0.20	0.30			
	F2	48	1.80	1.80	0.40	62.21			
		48	0.40	0.60	0.20	2.30			
	F3	8	2.10	2.10	0.45	15.88			
		8	0.50	0.70	0.20	0.56			
						85.30			
						166.36	65.00	Cum.	10813.53
7	Mooram filling in footings								
	Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18								
	F1	6	1.70	1.70	1.00	17.34			
	F2	48	2.00	2.00	1.00	192.00			
	F3	8	2.30	2.30	1.00	42.32			
						251.66			
	(b) Column C1	4	0.20	0.30	1.00	0.24			
	C2	48	0.20	0.40	1.00	3.84			
	C2	8	0.30	0.50	1.00	1.20			
	C3	2	0.07065	sqm	1.00	0.14			
	=3.14*0.15*0.15=0.07065					5.42			
						246.24	371.00	Cum.	91354.56
8	Brick work								
(a)	Brick work with modular fly-ash lime bricks (Falg Bricks) conforming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::Page No.45, Item No.7.5								
	Cement Mortar 1:6(1 Cement :6 Coarse Sand) Page No.45, Item No.7.5.4								

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	Below g..b. horizontal	2	4.50	0.20	1.60	2.88			
		2	3.25	0.20	1.70	2.21			
		2	4.90	0.20	1.60	3.14			
		4	4.10	0.20	1.60	5.25			
		2	1.70	0.20	1.70	1.16			
		2	3.90	0.20	1.70	2.65			
		1	4.00	0.20	1.70	1.36			
	Below g..b. vertical	2	3.60	0.20	1.70	2.45			
		2	3.30	0.20	1.70	2.24			
		2	2.97	0.20	1.70	2.02			
		2	2.87	0.20	1.70	1.95			
		2	0.71	0.20	1.70	0.48			
		2	1.60	0.20	1.70	1.09			
		2	3.40	0.20	1.70	2.31			
		2	1.80	0.20	1.70	1.22			
		2	3.20	0.20	1.70	2.18			
		2	1.50	0.20	1.70	1.02			
		2	1.65	0.20	1.70	1.12			
	Below P.b. horizontal	2	4.50	0.20	1.70	3.06			
		2	3.25	0.20	1.70	2.21			
		2	3.10	0.20	1.70	2.11			
		2	2.20	0.20	1.70	1.50			
		1	3.00	0.20	1.70	1.02			
		8	4.10	0.20	1.70	11.15			
		2	1.80	0.20	1.70	1.22			
		2	3.90	0.20	1.70	2.65			
	Below P.b. vertical	2	3.60	0.20	1.70	2.45			
		4	2.92	0.20	1.70	3.97			
		6	2.77	0.20	1.70	5.65			
		4	1.60	0.20	1.70	2.18			
		2	3.40	0.20	1.70	2.31			
	0.1m th wall	2	1.50	0.20	1.70	1.02			
		2	2.50	0.20	1.70	1.70			
		2	2.30	0.20	1.70	1.56			
		4	1.60	0.20	1.70	2.18			
	step	2	3.50	0.90	0.20	1.26			
		2	3.50	0.60	0.15	0.63			
		2	3.50	0.30	0.15	0.32			
		1	4.30	0.90	0.20	0.77			
		1	4.30	0.60	0.15	0.39			
		1	4.30	0.30	0.15	0.19			
	Ramp	2	1.20	0.20	0.30	0.14			
	(0.3+0.9)/2= 0.60	2	2.30	0.20	0.60	0.55			
						88.93	3263.00	Cum.	290163.9065
(b)	Extra for brick work in superstructure: PageNo.45,ItemNo.7.6 Above plinth level for every floor or part there of in addition to rate for foundation and plinth Super structure (3263.00+121.00)=3384								
	Above g..b. horizontal	2	4.50	0.20	2.90	5.22			
		2	3.25	0.20	3.00	3.90			
		2	5.10	0.20	2.90	5.92			
		4	4.10	0.20	2.90	9.51			
		2	1.70	0.20	3.10	2.11			
		2	3.90	0.20	2.90	4.52			
		1	4.00	0.20	2.90	2.32			
	Above g..b. vertical	2	3.60	0.20	3.00	4.32			
		2	3.30	0.20	3.00	3.96			
		2	2.97	0.20	3.00	3.56			
		2	2.87	0.20	3.00	3.44			
		2	0.71	0.20	3.00	0.85			
		2	1.60	0.20	3.10	1.98			
		2	3.40	0.20	3.00	4.08			
		2	1.80	0.20	3.10	2.23			
		2	3.20	0.20	3.00	3.84			
		2	1.50	0.20	3.10	1.86			
		2	1.65	0.20	3.10	2.05			
	Above P.b. horizontal	2	4.50	0.20	2.90	5.22			
		2	3.25	0.20	3.00	3.90			
		2	3.30	0.20	3.00	3.96			
		2	2.20	0.20	3.10	2.73			
		1	3.00	0.20	3.00	1.80			
		8	4.10	0.20	2.90	19.02			

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
		2	1.80	0.20	3.10	2.23			
		2	3.90	0.20	2.90	4.52			
	Above P.b. vertical	2	3.60	0.20	3.00	4.32			
		4	2.92	0.20	3.10	7.24			
		6	2.77	0.20	3.00	9.97			
		4	1.60	0.20	3.10	3.67			
		2	3.40	0.20	3.00	4.08			
						138.65			
	Deduction due to								
	Wall	2	3.20	0.20	2.10	2.69			
		2	1.65	0.20	2.10	1.39			
		1	4.00	0.20	2.10	1.68			
	C.G.	1	2.00	0.20	2.10	0.84			
	d	1	1.80	0.20	2.10	0.76			
	d1	4	1.50	0.20	2.10	2.52			
	d2	12	1.20	0.20	2.10	6.05			
	d3	2	1.00	0.20	2.10	0.84			
	d4	4	0.75	0.20	2.10	1.26			
	Window	14	2.10	0.20	1.20	7.06			
		6	1.50	0.20	1.20	2.16			
		2	1.20	0.20	1.20	0.58			
		2	0.90	0.20	1.20	0.43			
	Ventilator	6	0.60	0.20	0.45	0.32			
		14	0.90	0.20	0.30	0.76			
						29.32			
						109.33	3384.00	Cum.	369971.37
	(3263.00+121+121)=3505								
	Horizontal	2	3.30	0.20	2.40	3.17			
		2	3.90	0.20	2.40	3.74			
		1	4.10	0.20	2.40	1.97			
		1	5.70	0.20	2.40	2.74			
	Vertical	6	2.92	0.20	2.40	8.41			
		4	2.77	0.20	2.40	5.32			
	Mumty	4	4.10	0.20	2.10	6.89			
		4	3.20	0.20	2.10	5.38			
						37.61			
	Deduction due to								
	d3	2	1.00	0.20	2.10	0.84			
	Ventilator	10	0.90	0.20	0.30	0.54			
						1.38			
						36.23	3505.00	Cum.	126979.14
9	Half brick thick brick masonry with fly-ash lime bricks (FaLG bricks) conforming to IS : 12894-2002 of class designation 40 in superstructure above plinth level upto plinth level: :Page No.45,Item No.7.11 Cement Mortar 1:4 (1 Cement :4 Coarse sand) Page No.45,Item No.7.10.2 Extra for half brick work in superstructure above plinth level for every story or part thereof in addition to rate for upto plinth level:Page No.46,Item No.7.12								
	382+11 = 393								
	toilet	2	1.50	-	3.30	9.90			
		2	2.50	-	3.30	16.50			
		2	2.30	-	3.30	15.18			
		4	1.60	-	3.30	21.12			
	Parapet above Terrace	2	4.50	-	0.90	8.10			
		2	3.25	-	0.90	5.85			
		2	3.60	-	0.90	6.48			
		4	3.30	-	0.90	11.88			
		2	3.60	-	0.90	6.48			
		4	3.47	-	0.90	12.49			
		4	1.00	-	0.90	3.60			
		2	1.60	-	0.90	2.88			
		2	1.80	-	0.90	3.24			
		2	3.40	-	0.90	6.12			
		2	1.50	-	0.90	2.70			
		2	1.70	-	0.90	3.06			
		2	3.90	-	0.90	7.02			
		2	1.65	-	0.90	2.97			
		1	4.00	-	0.90	3.60			
						149.17			
	Deduction due to								
	d2	6	0.75	-	2.10	9.45			

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AR NAVEEN SAHU	
									AMOUNT	
						9.45				
10	Mooram filling Providing and filling in plinth with sand/Crusher dust and hard moorum under floor in layers not exceeding 20 Cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18					139.72	393.00	Sq.m.		54910.75
	Hall	1	13.10	18.25	2.00	478.15				
	Stage	1	4.50	2.10	2.00	18.90				
	VIP room with toilets	2	4.90	3.60	2.00	70.56				
	Kitchen	1	6.90	3.60	2.00	49.68				
	Passage	2	6.75	3.30	2.00	89.10				
		1	3.60	1.20	2.00	8.64				
	Dinning Hall	2	5.30	7.35	2.00	155.82				
	Toilets	2	4.50	1.60	2.00	28.80				
		2	4.50	3.40	2.00	61.20				
	PHT with passage	2	3.30	1.80	2.00	23.76				
	Staircase	1	4.50	3.20	2.00	28.80				
	Passage	2	1.80	8.80	2.00	63.36				
	Entrance Lobby	1	17.10	3.50	2.00	119.70				
	Porch	1	4.30	1.80	2.00	15.48				
						1211.95	371.00	Cum.		449633.45
11	Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1cement :2 coarse sand : 4graded crushed stone aggregate 20mm nominal size) including formwork. Page No.24, Item No.3.13									
	horizontal	2	4.50	0.20	0.05	0.09				
		2	3.25	0.20	0.05	0.07				
		2	4.90	0.20	0.05	0.10				
		4	4.10	0.20	0.05	0.16				
		2	1.70	0.20	0.05	0.03				
		2	3.90	0.20	0.05	0.08				
		1	4.00	0.20	0.05	0.04				
	vertical	2	3.60	0.20	0.05	0.07				
		2	3.30	0.20	0.05	0.07				
		2	2.97	0.20	0.05	0.06				
		2	2.87	0.20	0.05	0.06				
		2	0.71	0.20	0.05	0.01				
		2	1.60	0.20	0.05	0.03				
		2	3.40	0.20	0.05	0.07				
		2	1.80	0.20	0.05	0.04				
		2	3.20	0.20	0.05	0.06				
		2	1.50	0.20	0.05	0.03				
		2	1.65	0.20	0.05	0.03				
						1.10	4237.00	Cum.		4664.94
12	Applying a coat of hot bitumen 30/40 using @ 1.7 kg/ sqm on damp proofcourse after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil. Page No.24, Item No.3.15									
	horizontal	2	4.50	0.20	—	1.80				
		2	3.25	0.20	—	1.30				
		2	4.90	0.20	—	1.96				
		4	4.10	0.20	—	3.28				
		2	1.70	0.20	—	0.68				
		2	3.90	0.20	—	1.56				
		1	4.00	0.20	—	0.80				
	vertical	2	3.60	0.20	—	1.44				
		2	3.30	0.20	—	1.32				
		2	2.97	0.20	—	1.19				
		2	2.87	0.20	—	1.15				
		2	0.71	0.20	—	0.28				
		2	1.60	0.20	—	0.64				
		2	3.40	0.20	—	1.36				
		2	1.80	0.20	—	0.72				
		2	3.20	0.20	—	1.28				
		2	1.50	0.20	—	0.60				

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
		2	1.65	0.20	--	0.66 22.02	93.50	Sqm.	2058.87
13	(A) Flooring kot stone								
	25 mm thick KOTA stone slab, flooring over 20 mm (Average) thick base of cement mortar 1:4 laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including grinding rubbing and polishing etc. complete (Area of slab to be 0.20 sq.m and up to 0.50 sq.m)								
	Page No. 118, Item No. 12.49								
	25mm thick								
	porch	1	4.30	1.20	--	5.16			
	Ramp	2	2.30	1.20	--	5.62			
	Lobby	1	17.10	3.50	--	59.85			
	Stair area	2	4.70	3.20	--	30.08			
	Lobby	2	1.80	8.25	--	29.70			
		2	1.80	1.60	--	5.76			
		2	1.50	1.80	--	5.40			
	Back Lobby	2	6.75	3.30	--	44.55			
		2	3.60	1.20	--	8.64			
					Total	194.66	897.00	Sqm.	174610.02
	(B) KOTA stone slab 25 mm thick in risers and treads of steps, skirting dado and pillar laid in 12 mm (average) thick cement mortar 1:3 (1 cement:3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete (single stone is to be used for riser and treads of steps and the width of stone for skirting and dado shall be equal to the height of skirting/ dado with a minimum length of 1.0 M)								
	skirting	2	4.30	--	0.15	1.29			
		2	1.20	--	0.15	0.36			
		4	2.30	--	0.15	1.38			
		4	1.20	--	0.15	0.72			
		2	17.10	--	0.15	5.13			
		2	3.50	--	0.15	1.05			
		4	4.70	--	0.15	2.82			
		4	3.20	--	0.15	1.92			
		4	1.80	--	0.15	1.08			
		4	8.25	--	0.15	4.95			
		4	1.80	--	0.15	1.08			
		4	1.60	--	0.15	0.96			
		4	1.50	--	0.15	0.90			
		4	1.80	--	0.15	1.08			
		4	6.75	--	0.15	4.05			
		4	3.30	--	0.15	1.98			
		4	3.60	--	0.15	2.16			
		4	1.20	--	0.15	0.72			
	step	4	4.30	0.30	--	5.16			
		8	3.50	0.30	--	8.40			
	Riser	4	4.30	--	0.15	2.58			
		8	3.50	--	0.15	4.20			
	For stair case	Riser	2x22	1.50	--	9.90			
		Trade	2x21	1.50	--	18.90			
	Landing	2	3.20	1.60	--	10.24			
					Total	93.01	990.00	Sqm.	92079.90
	(B) Flooring vitrified tiles								
	Providing and laying DOUBLE/MULTI CHARGE (minimum 2.0mm thick layer) VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS: 15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm), laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the								

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

AR NAVEEN SAHU

S. N	FARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	joins with white cement and matching pigments etc. complete. Item No.12.79								
	Hall	1	13.10	15.25	--	199.78			
		2	2.70	0.90	--	4.86			
	Stage	1	5.70	0.90	--	5.13			
		1	4.55	2.10	--	9.56			
	Dinning hall	2	5.30	7.35	--	77.91			
	resttroom	2	3.30	3.60	--	23.76			
		2	1.60	1.10	--	3.52			
	Kitchen	1	6.90	3.60	--	24.84			
	Steps	8	0.90	0.30	--	2.16			
		10	0.90	0.15	--	1.35			
	Side	1	7.70	0.75	--	5.78			
	skirting	1	13.10	--	0.15	1.07			
		2	2.70	--	0.15	0.81			
		2	16.15	--	0.15	4.85			
		2	2.40	--	0.15	0.72			
		1	3.43	--	0.15	0.51			
		4	4.00	--	0.15	2.40			
		4	5.30	--	0.15	3.18			
		4	7.35	--	0.15	4.41			
		4	4.90	--	0.15	2.94			
		2	6.90	--	0.15	2.07			
		6	3.60	--	0.15	3.24			
					Total	385.73	1082.00	Sqm.	417359.32

14 Providing and fixing rectified glazed ceramic Floor tiles of 1st quality conforming to IS: 15622-2017 of approved make, in all colours, shades over 20 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @3.3kg per sqm including pointing in white cement mixed with matching pigment complete.600x600 mm thickness 8 to 9 mm Item No.12.74.3

Toilet	2	1.50	2.40	--	7.20				
	2	2.70	1.60	--	8.64				
	4	1.10	1.60	--	7.04				
	2	2.20	3.40	--	14.96				
	2	2.30	1.70	--	7.82				
	2	1.80	1.80	--	6.48				

52.14 897.00 Sqm. 46769.58

Providing and fixing rectified glazed ceramic wall/dado tiles of 1st quality conforming to IS: 15622-2017 of approved make, in all colours, shades on wall and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry@ 3.3kg per sqm including pointing in white cement mixed with matching pigment complete. Item No.12.75.2 Size 300x600mm thickness 7 to 8mm

In wall	4	1.50	--	2.10	12.60				
	4	2.40	--	2.10	20.16				
	4	2.70	--	2.10	22.68				
	4	1.60	--	2.10	13.44				
	8	1.10	--	2.10	18.48				
	8	1.60	--	2.10	26.88				
	4	4.50	--	2.10	37.80				
	4	3.40	--	2.10	28.56				
	8	1.80	--	2.10	30.24				
					210.84				
deduction	14	0.75	--	2.10	22.05				
					22.05				

188.79 850.00 Sqm. 160471.50

15 Providing and fixing in position collapsible steel shutters with vertical channels 20x10x2 mm and braced with flat iron diagonals 20x5mm size with top and

S. N	PARTICULARS	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	bottom rails of T-iron 40x40x6mm with 38mm steel pulleys complete with bolts, nuts locking arrangement stoppers, handles including applying a priming coat of red oxide zinc chromate primer. Page No.80, Item No.9.11								
	C.G.	1	2.00	--	2.10	4.20			
		2	1.70	--	2.10	7.14			
						11.34	333.00	Sqm.	37752.20
16	Providing and fixing flush door shutters, conforming to IS 2202 (Part 1) interior grade, commercial type, core of block board construction with frame of first class hard wood and well matched commercial ply veneering with vertical grains, cross bands and face veneers on both faces of shutters excluding hinges. Page No.56, Item No.8.13.2 (ii) 35 mm thick (single leaf)								
	(a) Single leaf	4	1.00	--	2.10	8.40			
						8.40	1688.00	Sqm.	14179.20
	B) Extra for double leaf shutter instead of single leaf. Page No.60, Item No.8.15								
	(a) Double leaf	1	1.80	--	2.10	3.78			
	1688+52 = 1740	4	1.50	--	2.10	12.60			
		12	1.20	--	2.10	30.24			
						46.62	1740.00	Sqm.	81118.80
17	Providing and fixing bright finished brass sliding door bolt with nuts and brass polished MS screws complete: Page No.65, Item No.8.60.2 (ii) 250x16 mm	21			2.00	42.00			
						42.00	344.00	each	14448.00
18	Providing and fixing bright finished brass tower bolts (barrel type) with brass polished MS screws complete: Page No.62, Item No.8.62.3 (iii) 150x10 mm	21			2.00	42.00			
						42.00	176.00	each	7392.00
19	Providing and fixing bright finished brass door handles with brass polished MS screws complete: Page No.63, Item No.8.65.2 (ii) 100 mm	17			4.00	68.00			
		4			2.00	8.00			
						76.00	49.00	each	3724.00
20	Providing and fixing factory made PVC door shutters of specified thickness made of styles and rails of a UPVC hollow section of specified size 59x24 mm and wall thickness 2 mm \pm 0.2 mm with inbuilt edging on both sides. The styles and rails mitred and joined at the corners by means of M.S. galvanised / plastic brackets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws. Page No.73, Item No.8.149. (2) 30 mm thick door shutters with styles and rails of size 60x30 mm	10	0.75	--	2.10	15.75			
						15.75	2488.00	Sqm.	39186.00
21	<u>Aluminium Glazed window</u> Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS:733, IS:1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS:1868, minimum anodic coating shall be of grade AC-15 (Glazing and panelling to								

[As per P.W.D. - Building S.O. in Force From 01-01-2015]

AR NAVEEN SAHU

S. N.	PARTICULARS	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	be paid for separately. Page No.85,Item No.9.47 For shutter of door, windows & ventilators,including providing and fixing provision for fixing of fitting wherever required including the cost of PVC/neoprene gasket required(Fittings shall be paid for separately). Page No.85,Item No.9.47.2								
	Glazed window	14	2.10	--	1.20	35.28			
		6	1.50	--	1.20	10.80			
		2	1.20	--	1.20	2.88			
		2	0.90	--	1.20	2.16			
		8	0.45	--	0.60	2.16			
		24	0.90	--	0.30	6.48			
						59.76			
	1 kg per sqm	15.00	x	59.76		896.40	338.00	kg	302983.20
22	Providing and fixing glazing in aluminium door, window ventilator shutters and partitions etc. with PVC neoprene gasket etc. complete (Cost of aluminium snap beading shall be paid in basic item):. Page No.85,Item No.9.51With float glass panes of 6 mm thickness .Page No.85,Item No.9.51.3								
	75% of window area			44.82		44.82	804.00	Sqm.	36035.28
23	Grill work								
	Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat of red oxide zinc chromate primer. PageNo.81,ItemNo.9.15 with frame								
	Window Grill	14	2.10	1.20	20 Kg/sqm	705.60			
	Grill	6	1.50	1.20	20 Kg/sqm	216.00			
	Grill	2	1.20	1.20	20 Kg/sqm	57.60			
		2	0.90	1.20	20 Kg/sqm	43.20			
	Ventillators	8	0.45	0.60	15 Kg/sqm	32.40			
	Ventillators	24	0.90	0.30	15 Kg/sqm	97.20			
	At stair case	4	3.90	0.90	14.04				
		4	0.50	0.90	1.80				
	Wt. @ 30 kg per Sqm				15.84	475.20			
						1627.20	67.50	kg	109836.00
	(B) Providing and fixing M.S. frames of doors, windows ventilators and cupboards joints mitred and welded with 15x3 mm lugs 10 cm long embedded in cement concrete blocks 15x10x10 cm of grade M-10 or with wooden plugs and screws or with dash fastener or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer . Page No.81,Item No.9.16 Angle -iron frames Page No.81,Item No.9.16.2								
	35 x 35 x 5mm Angle for door frame	1	6.00	--	6.00				
		4	5.70	--	22.80				
		12	5.40	--	64.80				
		4	5.20	--	20.80				
		10	4.95	--	49.50				
					163.90				
	Wt. @ 2.60 kg per Mtr			163.90		426.14			
						426.14	73.50	kg	31321.29
24	Providing & making 12 mm thick cement plaster of mix: Page No.103,Item No.11.24 (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)								
	long wall	2	6.60	--	2.00	26.40			
		2	1.70	--	2.00	6.80			

ARCHITECT NAVEEN SAHU and ASSOCIATES

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

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S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
		2	4.70	--	2.00	18.80			
		2	18.55	--	2.00	74.20			
		6	1.00	--	2.00	12.00			
		2	3.50	--	2.00	14.00			
		2	3.80	--	2.00	15.20			
		1	17.50	--	2.00	35.00			
	Above g.b. horizontal	2	4.50	--	3.30	29.70			
		2	3.25	--	3.30	21.45			
		2	4.90	--	3.30	32.34			
		4	4.10	--	3.30	54.12			
		2	1.70	--	3.30	11.22			
		2	3.90	--	3.30	25.74			
		1	4.00	--	3.30	13.20			
	Above g.b. vertical	2	3.60	--	3.30	23.76			
		2	3.30	--	3.30	21.78			
		2	2.97	--	3.30	19.60			
		2	2.87	--	3.30	18.94			
		2	0.71	--	3.30	4.69			
		2	1.60	--	3.30	10.56			
		2	3.40	--	3.30	22.44			
		2	1.80	--	3.30	11.88			
		2	3.20	--	3.30	21.12			
		2	1.50	--	3.30	9.90			
		2	1.65	--	3.30	10.89			
	Above P.b. horizontal	2	4.50	--	3.30	29.70			
		2	3.25	--	3.30	21.45			
		2	3.30	--	3.30	21.78			
		2	2.20	--	3.30	14.52			
		1	3.00	--	3.30	9.90			
		8	4.10	--	3.30	108.24			
		2	1.80	--	3.30	11.88			
		2	3.90	--	3.30	25.74			
	Above P.b. vertical	2	3.60	--	3.30	23.76			
		4	2.92	--	3.30	38.54			
		6	2.77	--	3.30	54.85			
		4	1.60	--	3.30	21.12			
		2	3.40	--	3.30	22.44			
	At first Floor Lvl								
	Horizontal	2	3.30	--	2.70	17.82			
		2	3.90	--	2.70	21.06			
		1	4.10	--	2.70	11.07			
		1	5.70	--	2.70	15.39			
	Vertical	6	2.92	--	2.70	47.30			
		4	2.77	--	2.70	29.92			
	Mumty	4	4.10	--	2.40	39.36			
		4	3.20	--	2.40	30.72			
	toilet	4	1.80	--	3.30	23.76			
		2	3.20	--	3.30	21.12			
		2	1.50	--	3.30	9.90			
		2	3.60	--	3.30	23.76			
		2	2.30	--	3.30	15.18			
		4	1.60	--	3.30	21.12			
	Parapet above Terrace	2	4.50	--	0.90	8.10			
		2	3.25	--	0.90	5.85			
		2	3.60	--	0.90	6.48			
		4	3.30	--	0.90	11.88			
		2	3.60	--	0.90	6.48			
		4	3.47	--	0.90	12.49			
		4	1.00	--	0.90	3.60			
		2	1.60	--	0.90	2.88			
		2	1.80	--	0.90	3.24			
		2	3.40	--	0.90	6.12			
		2	1.50	--	0.90	2.70			
		2	1.70	--	0.90	3.06			
		2	3.90	--	0.90	7.02			
		2	1.65	--	0.90	2.97			
		1	4.00	--	0.90	3.60			
						1383.60			
	Deduction due to								
	Wall	2	3.20	--	2.10	13.44			
		2	1.65	--	2.10	6.93			
		1	4.00	--	2.10	8.40			
	C.G.	1	2.00	--	2.10	4.20			
	d	1	1.80	--	2.10	3.78			
	d1	4	1.50	--	2.10	12.60			
	d2	12	1.20	--	2.10	30.24			

ARCHITECT NAVEEN SAHU and ASSOCIATES

S. N.	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
13		4	1.00	--	2.10	8.40			
14		10	0.75	--	2.10	15.75			
	Window	14	2.10	--	1.20	35.28			
		6	1.50	--	1.20	10.80			
		2	1.20	--	1.20	2.88			
		2	0.90	--	1.20	2.16			
	Ventilator	8	0.60	--	0.45	2.16			
		24	0.90	--	0.30	6.48			
						163.50			
						1220.10	91.50	Sqm.	111639.33
25	Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: Page No.103, Item No.11.3.4(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)								
						Quantity same as 15 mm plaster	1220.10		
						Quantity same as item no. (5B+5C)/2	497.81		
						1717.92	107.00	Sqm.	183817.11
26	Providing & making 6 mm thick cement plaster of mix: Page No.103, Item No.11.1.1 (i) In Cement mortar 1:3 (1 Cement :3 fine sand)								
						Quantity same as item no. 5D+5E+5F	762.65		
						762.65	93.00	Sqm.	70925.99
27	PRIMER Providing and applying Polymaric cement primer on all surface applied @ 0.80 litres/10 sqm as per relevant IS. code 15489:1974 (product such as Birla white primacoat/activcoat, Asian Trucare, Dulux interior cement primer, Opus Calista / I10) with all tool tackles and labour etc. complete for the work. Item No.14.59								
						Quantity as per 15mm thick cement plaster	1717.92		
						Quantity as per 6mm thick cement plaster	762.65		
						Quantity as per 12mm thick cement plaster	1220.10		
						3700.66	29.00	Sqm	107319.25
28	PUTTY Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete More than 2 mm to 4mm thickness to make surface even and smooth in line and level. Item no.14.54.2 (Ammendment)								
						Quantity as per 15mm thick cement plaster	1717.92		
						Quantity as per 6mm thick cement plaster	762.65		
						2480.56	103.00	Sqm	255497.88
29	Water proof cement point								

[As per P.W.D. - Building S.O.R. In Force From 01-01-2015]

AR NAVEEN SAHU

S. N	PARTICULAR'S	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
	Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D , C (Glossy /Semi Glossy finish) (Product such as Asian Apex ,Dulux Weather Shield Prima E900, Berger Weathercoat Antidust, Nerolac Everlas Excel, Nippon Sumo Etra, Opus True flex) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.)								
	Item No.14.68								
		Quantity as per 12mm thick cement plaster				1220.10	84.00	Sqm	102488.57
30	Providing and applying Premium plastic emulsion paint with roller application minimum three coats applied @ 0.75 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -1 Class D & C (Glossy and Semi Glossy Finish) of required shade (Product such as Asian Apcolite Premium , Dulux Super Cover, Berger Easy Clean Nippon Breezee Metex Gold, Opus I-50 / Calista) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(with 3 year Warranty)								
	Item No.14.64	Quantity as per 15mm thick cement plaster				1717.92			
		Quantity as per 6mm thick cement plaster				762.65			
						2480.56	84.00	Sqm	208367.20

ARCHITECT NAVEEN SAHU and ASSOCIATES

[As per P.W.D. - Building S.O.R. In Force From 01-01-2011]								AR NAVEEN SAHU	
S. N	PARTICULARS	NOS.	LENGTH	WIDTH	H/D	QTY	RATE	UNIT	AMOUNT
31	Providing and applying Glossy finish Enamel paint minimum 2 Coats in al surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2932: 2013 of (Product such as Asian Apcolite Premium Enamel Dulux Promise Premium Enamel Nerolac Synthatic Enamel, Opus Prime enamel) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work.								
	Item No.14.72								
	C.G.	1	2.00	--	2.10	4.20			
		2	1.70	--	2.10	7.14			
	Window	14	2.10	--	1.20	35.28			
		6	1.50	--	1.20	10.80			
		2	1.20	--	1.20	2.88			
		2	0.90	--	1.20	2.16			
	Ventilator	8	0.60	--	0.45	2.16			
		24	0.90	--	0.30	6.48			
						71.10	120.00	Sqm	8532.00
32	Granite at window sill 15 mm thick Granite work (machine cut, table rubbed & mirror polished) for wall lining (veneer work) in cement mortar 1:3 (1 cement :3 coarse sand) including pointing with cement mortar 1:2 (1 white cement:2 marble dust) mixed with matching pigment. (Area of slab should be over 0.5 sqm.). Page No.124,Item No.13.4.1								
	Granite stone grey/pink	28	2.10	--	0.20	11.76			
		28	1.20	--	0.20	6.72			
		12	1.50	--	0.20	3.60			
		12	1.20	--	0.20	2.88			
		8	1.20	--	0.20	1.92			
		4	0.90	--	0.20	0.72			
		4	1.20	--	0.20	0.96			
		16	0.45	--	0.20	1.44			
		16	0.60	--	0.20	1.92			
		48	0.90	--	0.20	8.64			
		48	0.45	--	0.20	4.32			
						44.88	1958.00	Sqm.	87875.04
								Total	7524640.21
									225739.21
(a)	Add 3 % for water supply sanitation								150492.80
(a)	Add 2 % for Electrification								7900872.22
									91650.12
(b)	Add 1.16% Architect Fees							Grand Total	7992522.33
								Say as	8000000.00
								Say Rs in Lac	80.00
[RUPEES IN WORDS :- EIGHTY LACS ONLY]									

Chief Municipal Officer
Nagar Panchayat Pandatarai
Dist- Kabirdham (C.G)

Sub-Engineer,
Nagar Panchayat Pandatarai

AR NAVEEN SAHU

