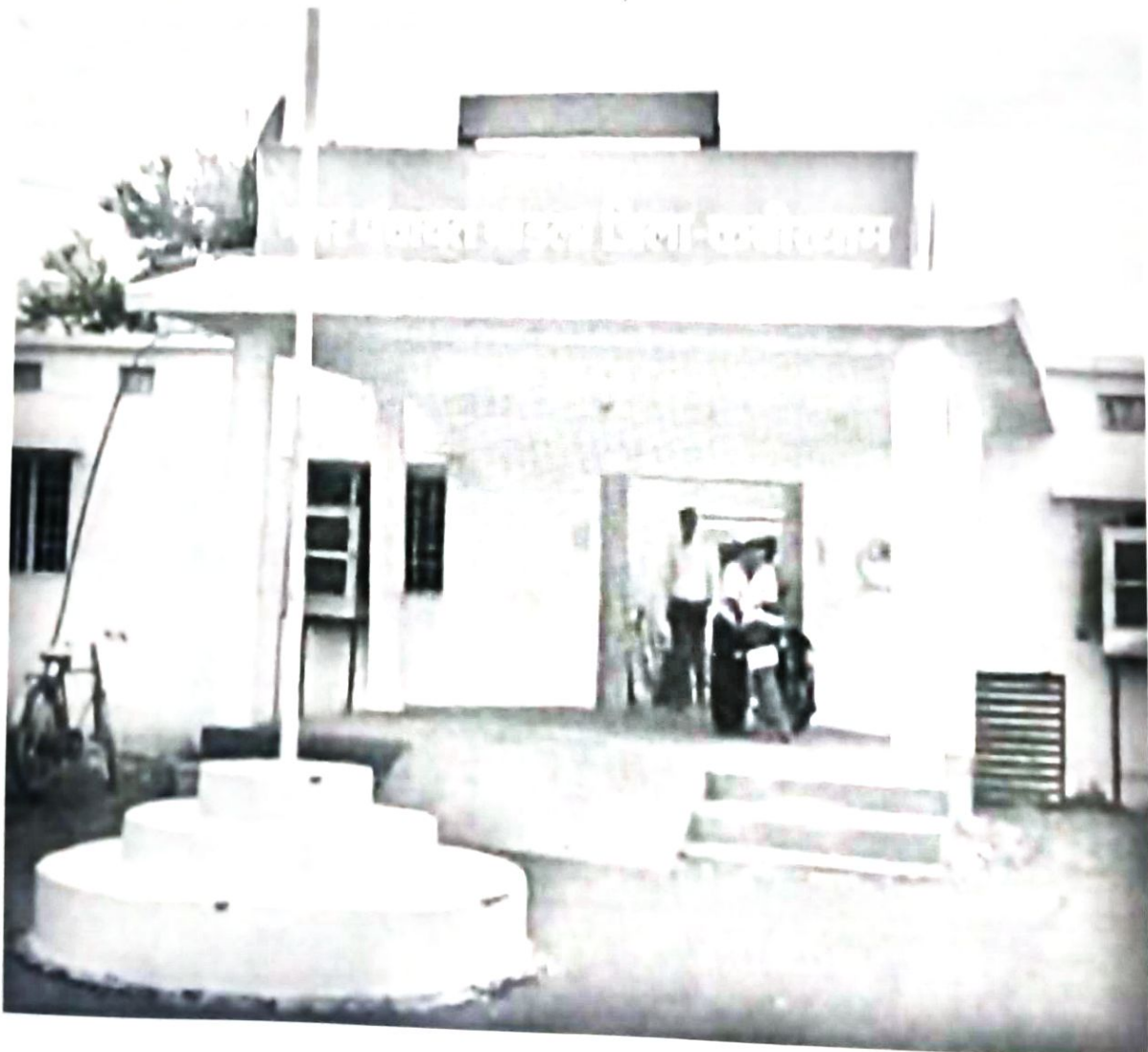




A PROJECT FOR

## **MUKTIDHAM**

at N.P. BODLA  
DIST.- Kabirdham (C.G.)



Submitted by:-

ARCHITECT NAVEEN SAHU and ASSOCIATES

# ESTIMATE OF MUKTI DHAM

AT NAGAR PANCHAYAT BODLA DIST - KABIR-DHAM (C.G.) W.No. -01  
[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]  
[ As per S.O.R.P.W.D ELECT W.E.F. 10.04.2026 ]  
[As per P.H.E.D-U.S.O.R 2020, AMENDMENT NO-09/2023-24]

S.No.	Particular's of Item	S.O.R	Non S.O.R	AR NAVEEN SAHU Final Amount
1	CREMATORIYA (1 NOS.)	Estimated	---	362937.87 ✓
2	GUARD ROOM	Estimated	---	224819.40 ✓
3	WOOD SHED	Estimated	---	680434 680727.58 ✓
4	TOILET	Estimated	---	252102.82 ✓
5	SEPTIC TANK	Estimated	---	61877.21 ✓
6	BORE	Estimated	---	149065.50 ✓
7	SHAV CHABUTARA (1 NOS.)	28434.89	---	28434.89 ✓
8	PATHWAY	Estimated	---	133989.60 ✓
9	LAWN DEVELOPMENT	Estimated	---	148868.00 ✓
10	BOUNDARY WALL	Estimated	---	724444.85 ✓
11	ENTRANCE GATE (1 NOS)	Estimated	---	139073.81 ✓
12	LIGHT POLE	Estimated	---	177588 198632.00 ✓
13	RCC BENCH	Estimated	---	42278.14 ✓
			<b>Total</b>	<b>3147251.67</b>
A	ADD 18 % GST.			566505.30 ✓
			<b>Total Amount</b>	<b>3713756.97</b>
B	ADD 2 % CONSULANCY & CONTINGENCY			74275.14 ✓
			<b>Total Amount</b>	<b>SAY 3788032.11</b>
			<b>Say as</b>	<b>SAY 3788000.00</b>
			<b>Say in Lac</b>	<b>37.88</b>

[Rupees In Words :THIRTY SEVEN LACS EIGHTY EIGHT THOUSAND ONLY.]

COMM./C.M.O

E.E/S.E

AR NAVEEN SAHU

No. 336 Date 02-06-26

Technical Sanction of Nagar Nigam

Panika / Panchayat BODLA

Here by Guaranteed for the Construction

A Repairing of MUKTI DHAM

In Ward No. 01

Rs. 37.88 L (In words) Rs. \_\_\_\_\_

THIRTY SEVEN LACS EIGHTY EIGHT THOUSAND ONLY.

Chief Municipal Officer  
Nagar Panchayat

Checked By

Executive Engineer

U.A.S.D. Durg (C.G.)

AR NAVEEN SAHU and ASSOCIATES



## ESTIMATE OF CREMATORIYA FOR PROPOSED MUKTI DHAM

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

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S.N	PARTICULAR'S	NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
1	<b>Earth work in Excavation</b>								
	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.,Item No.1.1(i)In all types of soil								
	For coloumn C1								
	C1	8	1.50	1.50	1.50	27.00			
	C2	4	1.20	1.20	1.50	8.64			
	under walls	4	2.45	0.40	0.45	1.76			
		2	3.10	0.40	0.45	1.12			
		2	1.40	0.40	0.45	0.50			
		4	1.50	0.40	0.45	1.08			
						40.10	185.00	Cum.	7419.24
2	<b>P.C.C. Base Conc.</b>								
	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.,Item No.3.1.2(ii)1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).								
	column footing :-								
	C1	8	1.50	1.50	0.15	2.70			
	C2	4	1.20	1.20	0.15	0.86			
	BELOW G.B.	4	2.45	0.40	0.10	0.39			
		2	3.10	0.40	0.10	0.25			
		2	1.40	0.40	0.10	0.11			
		4	1.50	0.40	0.10	0.24			
						4.56	2260.00	Cum.	10296.56
	(iii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size),,Item No.3.1.3(iii)								
		1	4.80	8.80	0.10	4.22			
						4.22	2524.00	Cum.	10661.38
3	<b>R.C.C. work</b>								
	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.,Item No.3.2.1 (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
	column footing :-								
	C1	8	1.20	1.20	0.20	2.30			
		8	0.90	0.90	0.25	1.62			
	C2	4	0.90	0.90	0.20	0.65			
		4	0.60	0.60	0.25	0.36			
						4.93			
	column :-								
	C1	8	0.20	0.30	1.50	0.72			
	C2	4	0.20	0.20	1.50	0.24			
						0.96			
	(c) beam								
	G.B.	4	2.45	0.20	0.30	0.59			
		2	3.10	0.20	0.30	0.37			
		2	1.40	0.20	0.30	0.17			
		4	1.50	0.20	0.30	0.36			
						1.49			
						7.38	3538.00	Cum	26110.44

AR. NAVEEN SAHU and ASSOCIATES



P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026								AR NAVEEN SAHU	
S.N	PARTICULAR'S	NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
	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.,Item No.3.4								
	column :-								
	C1	8	0.20	0.30	2.20	1.06			
	C2	4	0.20	0.20	3.60	0.58			
	Column For Upper Slab	4	0.20	0.20	1.40	0.22			
						1.86			
	(at 2.8m, height) Slab Beam								
	SB	2	4.80	0.20	0.30	0.58			
		2	8.80	0.20	0.30	1.06			
		4	2.70	0.20	0.30	0.65			
		2	3.40	0.20	0.30	0.41			
		6	1.60	0.20	0.30	0.58			
	( Top ) Slab Beam								
		2	8.80	0.20	0.30	1.06			
		2	1.40	0.20	0.20	0.11			
						4.43			
	(d) Slab								
	lower slab	2	9.60	2.26	0.10	4.34			
	upper slab	1	9.60	2.30	0.10	2.21			
						6.55			
						12.84	3621.00	Cum	46476.2592
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 all complete:thermo Mechanically treated steel bars FE 415 , Item No.3.12.1	(a)Footing taking	4.93	80	Kg/Cum.	394.56			
		(b)Column taking	2.82	110	Kg/Cum.	309.76			
		(c)Beam taking	5.92	110	Kg/Cum.	651.20			
		(d) Slab taking	6.55	110	Kg/Cum.	720.19			
5	Centering & Shuttering					2075.71	46.00	Kg.	95482.75
a	Providing and fixing formwork ncluding,shuttering,strutting,staging, propping bracng etc. complete and including its removal at levels, for.,Item No.2.1								
	(i)Foundation, footings, bass of columns and plinth beam in any. Shape and size								
	Footing								
	[1 20+1 20+1 20+1 20=4.80]	8	4.80	--	0.20	7.68			
	[0 90+0 90+0 90+0 90=3.60]	8	3.60	--	0.25	7.20			
	[0 90+0 90+0 90+0 90=3.60]	4	3.60	--	0.20	2.88			
	[0 60+0 60+0 60+0 60=2.40]	4	2.40	--	0.25	2.40			
	Column Up to Plinth								
	[0 20+0 30+0 20+0 30=1.00]	8	1.00	--	1.50	12.00			
	[0 20+0 20+0 20+0 20=0.80]	4	0.80	--	1.50	4.80			
	G.B.	4	2.45	--	0.60	5.88			
		2	3.10	--	0.60	3.72			
		2	1.40	--	0.60	1.68			
		4	1.50	--	0.60	3.60			
						51.84	128.00	Sqm.	6635.52
b	(vi) Columns, pillars Piers and likes-rectangular or square in shape								

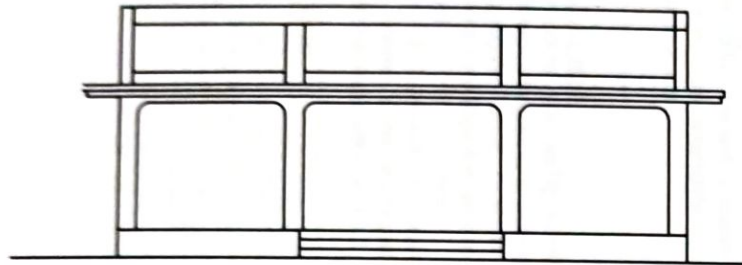


S.N	PARTICULAR'S	NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
	Column								
	[0 20+0 30+0 20+0 30=1.00]	8	1.00	--	2.20	17.60			
	[0 20+0 20+0 20+0 20=0.80]	4	0.80	--	3.60	11.52			
		4	0.80	--	1.40	4.48			
						33.60	273.00	Sqm.	9172.80
c	(ix) Beams,lintels,cantilevers & walls								
	Beam								
	lower Beam								
	SB	2	4.80	--	0.60	5.76			
		2	8.80	--	0.60	10.56			
		4	2.70	--	0.60	6.48			
		2	3.40	--	0.60	4.08			
		6	1.60	--	0.60	5.76			
		2	1.40	--	0.60	1.68			
	top Beam	2	8.80	--	0.60	10.56			
		2	1.40	--	0.60	1.68			
d	(viii) Suspended floors,roofs,access platform,balconies (plain surfaces ) and shelves (cast in stu)					46.56	186.00	Sqm.	8660.16
	lower slab	2	9.60	2.10	--	40.32			
	upper slab	1	9.60	2.30	--	22.08			
						62.40			
						62.40	216.00	Sqm.	13478.40
6	<b>Brik work</b>								
7.5	Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in ::,Item No.7.5								
7.5.4	Cement Mortar 1:6(1 Cement :6 Coarse Sand),Item No.7.5.4								
	(a) below plinth Wall								
	G.B.	4	2.45	0.20	0.50	0.98			
		2	3.10	0.20	0.50	0.62			
		2	1.40	0.20	0.50	0.28			
		4	1.50	0.20	0.50	0.60			
	For Step1	1	3.30	0.90	0.15	0.45			
		1	3.30	0.60	0.15	0.30			
		1	3.30	0.30	0.15	0.15			
	For Step2	1	1.70	0.90	0.15	0.23			
		1	1.70	0.60	0.15	0.15			
		1	1.70	0.30	0.15	0.08			
						3.83	3066.00	Cum.	11742.78
7	<b>Mooram filling</b>								
	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 ,Item No.1.18								
	C1	8	1.50	1.50	1.50	27.00			
	C2	4	1.20	1.20	1.50	8.64			
	Filling In Plinth	1	4.80	8.80	0.50	21.12			
						56.76			
	Deduction :-								
	P.C.C.								
	C1	8	1.50	1.50	0.15	2.70			
	C2	4	1.20	1.20	0.15	0.86			
	Footing								
	C1	8	1.20	1.20	0.20	2.30			
		8	0.90	0.90	0.25	1.62			
	C2	4	0.90	0.90	0.20	0.65			

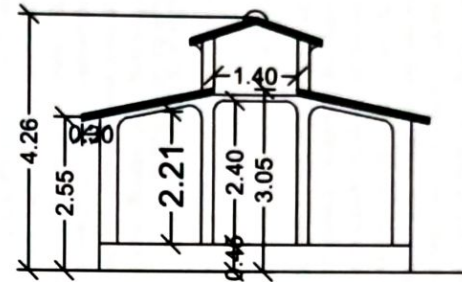
S.N	PARTICULAR'S	NOS.	LENGTH	WIDTH	D/H	QTY	RATE	UNIT	AMOUNT
	Column	4	0.60	0.60	0.25	0.36			
	C1	8	0.20	0.30	0.90	0.43			
	C2	4	0.20	0.20	0.90	0.14			
						9.07			
						47.69	371.00	Cum.	17692.25
8	<b>Flooring</b> 25 mm thick KOTA stone slab flooring over 20 mm (Average ) thick base of cement mortar 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. compete (Area of slab to be 0.20 sq.m and up to 0.50 sq.m),ItemNo.12.49								
	25mm thick	1	4.80	8.80	--	42.24			
					Total	42.24	792.00	Sqm.	33454.08
9	Providing & making 12 mm thick cement plaster of mix:,Item No.11.2.4 (iv) In Cement mortar 1:6 (1 Cement :6 fine sand)								
	G.B.	4	2.45	--	0.50	4.90			
		2	3.10	--	0.50	3.10			
		2	1.40	--	0.50	1.40			
		4	1.50	--	0.50	3.00			
						12.40	85.00	Sqm.	1054.00
10	Providing & making 15 mm thick cement plaster on the rough of side of single or half brick wall of mix:,Item No.11.3.4(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)								
						12.40			
						80.16			
						92.56	98.00	Sqm.	9250
11	Providing & making 6 mm thick cement plaster of mix:,Item No.11.1.1 (i)In Cement mortar 1:3 (1 Cement :3 fine sand)								
						62.40			
						62.40	87.00	Sqm.	5428.80
12	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.,Item No.3.13								
	G.B.	4	2.45	0.20	0.10	0.20			
		2	3.10	0.20	0.10	0.12			
		2	1.40	0.20	0.10	0.06			
		4	1.50	0.20	0.10	0.12			
						0.50	3601.00	Cum.	1786.10
13	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.,Item No.3.15								
	G.B.	4	2.45	0.20	--	1.96			
		2	3.10	0.20	--	1.24			
		2	1.40	0.20	--	0.56			



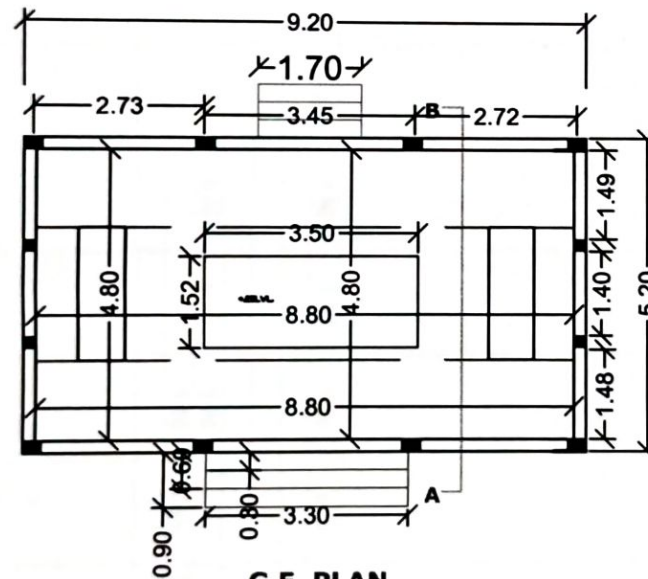




**FRONT ELEVATION**



**SECTIONAL ELEVATION**



**G.F. PLAN**

*[Signature]*  
Chief Municipal Officer  
Nagar Panchayat Bodla

*[Signature]*  
अध्यक्ष  
नगर पंचायत-बोडला



DWG TYPE : PLANNING

NOTE :

DO NOT SCALE FROM THE DRAWING  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :

**ENTRANCE GATE**

PROJECT NAME AND ADDRESS :

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumet Sahu

Date:

REV: 01

ORIENTATION:

**ARCHITECT NAVEEN SAHU  
and ASSOCIATES**

Architects Interior-Designers Engineers Valuer

Mobile: +91 98271 15279

Office : +91 87188 15279

E-mail ar.naveenks@gmail.com

Basantpur Chowk, Rajnandgaon, C.G.



**ESTIMATE OF GUARD ROOM**  
**AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)**  
**GROUND FLOOR**

[ P.W.D. Building S O R WITH EFFECT FROM 20TH APRIL 2026 ]

AR.NAVEEN SAHU

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
1	<b>Earth work in Excavation</b>								
1.1	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.In all types of soil Page No.8,Item No.1.1								
		4	1.50	1.50	1.50	13.50			
						13.50	per cum	185.00	2497.50
1.18	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								
		4	1.50	1.50	0.10	0.90			
						0.90	Cum	371.00	333.90
2	<b>P.C.C. Base Conc.</b>								
3.1	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.22,Item No.3.1(ii)1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size). Page No.22,Item No.3.1								
	F1	4	1.50	1.50	0.20	1.80	cum	2260.00	4068.00
3.1.3	(iii)1:3:6(1 cement :3 coarse sand :6 graded stone aggregate 40 mm nominal size)								
		1	3.00	5.00	0.10	1.50			
						1.50	cum	2524.00	3786.00
3	<b>R.C.C. work</b>								
	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete in all works upto floor five level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size). Item No.3.2.1								
	b) M-20								
	A - Footing	4	1.50	1.50	0.20	1.80			
		4	1.20	1.20	0.30	1.73			
						3.53			
	B - Column	4	0.20	0.30	1.95	0.47			
						0.47			
	GB-1	2	3.00	0.20	0.30	0.36			
		2	4.80	0.20	0.30	0.58			
						0.94			
						4.93	cum	3538.00	17449.42
	B - Column	4	0.20	0.30	3.35	0.80			
						0.80			
	LB-1	2	3.00	0.20	0.20	0.24			

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	AR.NAVEEN SAHU	
			L	B	H/D			RATE	AMOUNT
		2	4.80	0.20	0.20	0.38			
						0.62			
	SB-1	2	3.00	0.20	0.30	0.36			
		2	4.80	0.20	0.30	0.58			
						0.94			
	D - Slab								
	Main slab	1	3.40	5.40	0.10	1.84			
	Chhajja	1	1.7	0.45	0.08	0.06			
		1	1.8	0.60	0.08	0.09			
						1.98			
						4.35	cum	3621.00	15742.66
4	<b>Steel in R.C.C.</b>								
	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 all complete: thermo Mechanically treated steel bars Page No.24,Item No.3.14	(a)Footing taking	3.53	80	Kg/Cum.	282.24			
		(b)Column taking	1.27	100	Kg/Cum.	127.20			
		(c)Beam taking	2.50	110	Kg/Cum.	274.56			
		(d) Slab taking	1.98	110	Kg/Cum.	218.20			
5	<b>Centering &amp; Shuttering</b>					902.20	Per Kg.	46.00	41501.02
	Providing and fixing formwork including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16,Item No.2.1								
	Foundation, footings, base of columns and plinth beam in any. Shape and size, Item No.2.1.1								
	<b>Footing</b>								
	1.20X4=4.80	4	4.80	--	0.30	5.76			
						5.76			
	GB-1	2	3.00	--	0.60	3.60			
		2	4.80	--	0.60	5.76			
						9.36			
	<b>Column</b>								
	.2+.3+.2+.3=1.00	4	1.00	--	1.35	5.40			
						20.52	Per Sqm.	128.00	2626.56
	(v) Columns, pillars Piers and likes- rectangular or square in shape Item No.2.1.5								
	<b>Column</b>								
	.2+.3+.2+.3=1.00	4	1.00	--	3.35	13.40			
						13.40	Per Sqm.	273.00	3658.20
	<b>Beams, Lintels, Cantilevers &amp; Walls</b> Item No.2.1.8								
	<b>C - Beam</b>								
	LB-1	2	3.00		0.30	1.80			
		2	4.80		0.30	2.88			
						4.68			
	<b>SB 1</b>								
	.30+.30=60	2	3.00		0.60	3.60			
		2	4.80		0.60	5.76			
						9.36			



S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
						14.04	Per Sqm.	186.00	2611.44
	(vii) Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) Item No.2.1.7								
	SLAB	1	3.40	5.40	--	18.36			
	Chhajja	1	1.7	0.45		0.77			
		1	1.8	0.60		1.08			
						20.21	Per Sqm.	216.00	4364.28
6	<b>Brick work</b>								
	Brick work with modular fly-ash lime bricks ( Falg Bricks ) conforming to IS : 1289-2002 to class designation 40 in foundation and plinth in Cement Mortar 1:6 (1 Cement :6 Coarse Sand) 7.5.4								
	<b>Below plinth</b>								
	GB	2	3.00	0.20	0.90	1.08			
		2	4.80	0.20	0.90	1.73			
						2.81	Per Cum.	3066.00	8609.33
(b)	(b) Extra for brick work in superstructure: Above plinth and upto floor five level. Page No.51, Item No.7.6								
	ABOVE GB	2	3.00	0.20	2.90	3.48			
		2	4.80	0.20	2.90	5.57			
						9.05			
	<b>Deduction</b>								
	MAIN DOOR	1	1.50	0.20	2.10	0.63			
	win	1	1.50	0.20	1.20	0.36			
	V	1	0.60	0.20	0.45	0.05			
						1.04			
						8.00	Per Cum.	3180.00	25452.72
7	<b>D.P.C on Plinth</b>								
	Providing and laying damp proof course (upto 50mm thick with plain cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork. item No.3.13								
	ABOVE GB	2	3.00	0.20	0.08	0.10			
		2	4.80	0.20	0.08	0.15			
						0.25	Per Cum.	3601.00	898.81
8	<b>Plastering work</b>								
	12-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:6 (1 Cement : 6 Sand) Page No.108, Item No.11.2.4								
	ABOVE GB	2	3.00	--	2.90	17.40			
		2	4.80	--	2.90	27.84			
						45.24			
	<b>Deduction</b>								
	MAIN DOOR	1	1.50	--	2.10	3.15			
	window	1	1.50	--	1.20	1.80			
	V	1	0.60	--	0.45	0.27			
						5.22			
						40.02	Per Sqm.	85.00	3401.70

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
9	(a) 15 mm thick cement plaster on the rough of side of single or half brick wall of mix:In Cement mortar 1:6 (1 Cement :6 fine sand)Page No.108,Item No.11.3.4								
						40.02			
						50 % Quantity same as item no. 5B			
						50 % Quantity same as item no. 5C			
						53.74			
							Per Sqm.	100.00	5374.00
10	6-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:4 (1 Cement: 4 Sand) Page No.108, Item No.11.1.2								
						Quantity same as item no. 5D			
						20.21			
						20.21			
							Per Sqm.	81.00	1636.61
11	<b>Mooram filling</b>								
	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.9,Item No.1.18								
		4	1.50	1.50	1.50	13.50			
		1	3.00	4.80	0.60	8.64			
						22.14			
	Sanding	4	1.5	1.5	0.1	0.90			
	P.c.c.	4	1.5	1.5	0.1	0.90			
	Footing	4	1.50	1.50	0.20	1.80			
		4	1.20	1.20	0.30	1.73			
						5.33			
						16.81			
							Per Cum.	371.00	6237.25
12	<b>Distempering</b>								
	Providing and applying Synthatic oil bound washable Distemper having VoC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I,S. Code 428:2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) 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.								
	14.61					Quantity as per 15mm thick cement plaster			
						Quantity as per 6mm thick cement plaster			
						20.21			
						73.95	Sqm	54.00	3993.03
13	<b>DOOR &amp; WINDOW</b>								
	Providing and fixing double glazed hermetically sealed glazing in aluminium window ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant ( Both primary and secondary sealant)etc. complete. Page No.86,Item No.9.53								
	win	1	1.50	--	1.20	1.80			



[ P W D Building S O R WITH EFFECT FROM 20TH APRIL 2026 ]							AR.NAVEEN SAHU			
S. NO.		PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
				L	B	H/D				
		V	1	0.60	--	0.45	0.27			
							2.07	Sqm	2682.00	5551.74
14	8.6.2	(A) Providing and fixing 40 mm thick panelled or glazed or panelled and glazed shutter frames for doors excluding hinges and panelling (Area of shutter to be measured without deducting panelling area)Page No.58,Item No.8.6.2 Bijasal, benteak, khair, haldu								
		Door	1	1.50	--	2.10	3.15			
							3.15	Sqm.	1596.00	5027.40
	8.12	Providing and fixing flush door shutters, conforming to IS : 2202 (Part-I), decorative type core of block board construction with frame of first class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters excluding hinges.								
	8.12.1	40 mm. thick (single leaf)								
		(a) Single leaf D1	1	1.50	--	2.10	3.15			
							3.15	Sqm.	2226.00	7011.90
15	8.62.3	Providing and fixing bright finished brass tower bolts with brass polished MS screws complete:(iii)150x10 mm								
			4			2	8.00	each	159.00	1272.00
16	8.65.2	Providing and fixing bright finished brass door handles with brass polished MS screws complete:(ii)100 mm								
			2			4	8.00	each	44.00	352.00
17		<u>Grill work</u>								
	9.1	Structural steel work in single section including cutting, hoisting fixing in position and applying a priming coat of red oxide zinc chromate primer. Page No.80,Item No.9.1								
		Ventillator	1	0.60	--	0.45	0.27			
		win	1	1.50	--	1.20	1.8			
							2.07			
		20 Kg/sqm					41.40	Per Kg.	52.00	2152.80
19		<u>Distempering</u>								

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]						AR.NAVEEN SAHU			
S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
14.61	Providing and applying Synthatic oil bound washable Distemper having VoC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428 2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) 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.								
	14.61	Qty. as per 12mm thick cement plaster				40.02	Sqm	54.00	2161.08
20	<b>Flooring</b>								
12.79	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 joints with white cement and matching pigments etc. complete. Item No.12.79								
	HALL	1	7.60	4.60	--	34.96	Sqm.	955.00	33386.80
21	14.72	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 relevent 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								
	WIN.	4	1.50	--	1.20	7.20			
	ventillator	4	0.60	--	0.45	1.08			
						8.28	Sqm.	113.00	935.64
(a)	Add 6.00 % for electrification								12725.63
									212093.78
									224819.40

COMM./C.M.O

E.E./S.E.

Chief Municipal Officer  
Nagar Panchayat Bodla

अध्यक्ष  
नगर पंचायत-बोड़ला



AR. NAVEEN SAHU and ASSOCIATES



ESTIMATE OF WOOD SHED										
AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)										
[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]										
S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT	
1	<b>Earth work in Excavation</b> Excavation for all types and sizes of foundation, trenches and drains or for any other purpose 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									
	MAIN									
	C1	12	1.50	1.50	1.50	40.50				
	For Ground Beam									
		2	3.35	0.30	0.20	0.40				
		2	3.15	0.30	0.20	0.38				
		8	3.60	0.30	0.20	1.73				
						43.01	185.00	Cum.		7956.48
2	<b>Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. Page No.11, Item No.1.18</b>									
	C1	12	1.50	1.50	0.10	2.70				
	For Ground Beam									
		2	3.35	0.30	0.10	0.20				
		2	3.15	0.30	0.10	0.19				
		8	3.60	0.30	0.10	0.86				
		1	7.00	15.00	0.30	31.50				
						35.45	371	CuM.		13153.43
3	<b>P.C.C. Base Conc.</b> 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.3.1.3(ii) 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size)									
	column footing :-									
	C1	12	1.50	1.80	0.10	3.24				
	BELOW G.B.									
		2	3.35	0.30	0.10	0.20				
		2	3.15	0.30	0.10	0.19				
		8	3.60	0.30	0.10	0.86				
	Floor Area	1	6.40	15.40	0.10	9.86				
						14.35	2524.00	Cum.		36219.40
4	<b>R.C.C. work</b> Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete in all works upto floor five level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). Item No.3.2.1									
	b) M-20									
	column footing :-									
	C1	12	0.90	1.20	0.20	2.59				
		12	0.60	0.90	0.25	1.62				
						4.21				
	column :-									
		12	0.20	0.30	1.15	0.83				
						0.83				

S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
	G.B.								
		2	3.35	0.30	0.30	0.60			
		2	3.15	0.30	0.30	0.57			
		8	3.60	0.30	0.30	2.59			
						3.76			
						8.80	3538.00	cum	31141.48
	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								
	column :-								
		11	0.20	0.30	4.00	2.64			
						2.64			
	Lintel Beam								
		8	3.60	0.20	0.15	0.86			
		2	3.35	0.20	0.15	0.20			
		2	3.15	0.20	0.15	0.19			
						1.25			
	Slab Beam								
		8	3.60	0.20	0.30	1.73			
		2	3.35	0.20	0.30	0.40			
		2	3.15	0.20	0.30	0.38			
						2.51			
						6.40	3621.00	cum	23181.64
5	<b>Steel</b>								
	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 all complete:thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
		(a)Footing taking	4.21	80.00	Kg/Cum.	336.96			
		(b)Column taking	3.47	100.00	Kg/Cum.	346.80			
		©Beam taking	7.52	100.00	Kg/Cum.	752.40			
						1436.16	46.00	Kg.	66063.36
6	<b>Centering &amp; Shuttering</b>								
a	Providing and fixing formwork Including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16, Item No.2.1 (i)Foundation, footings, base of columns and plinth beam in any. Shape and size								
	Footing								
	.90+1.20+.90+1.20=4.20	12	4.20		0.20	10.08			
	.60+.90+.60+.90=3.00	12	3.00		0.25	9.00			
						19.08			
	Column up to Plinth level	12	1.00		1.15	13.80			
						13.80			
	G.B.								
		2	3.35		0.60	4.02			
		2	3.15		0.60	3.78			
		8	3.60		0.60	17.28			
						25.08			
	In flooring								
		2	15.00		0.15	4.50			
		4	7.00		0.15	4.20			



S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
						8.70			
						66.66	128.00	Sqm.	8532.48
b	(vi) Columns, pillars Piers and likes rectangular or square in shape								
		12	1.00		4.00	48.00			
						48.00	273.00	Sqm.	13104.00
c	(ix) Beams, lintels, cantilevers & walls								
	Beam								
	Lintel Beam								
		8	3.60		0.30	8.64			
		2	3.35		0.30	2.01			
		2	3.15		0.30	1.89			
						12.54			
	Slab Beam								
		8	3.60		0.60	17.28			
		2	3.35		0.60	4.02			
		2	3.15		0.60	3.78			
						25.08			
						37.62	186.00	Sqm.	6997.32
7	<b>Mooram filling</b>								
	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								
	In Footing	12	1.50	1.50	1.50	40.50			
						40.50			
	Deduction For Column	12	1.20	0.90	0.20	2.59			
		12	0.60	0.90	0.25	1.62			
		12	0.20	0.30	1.15	0.83			
						5.04			
						35.46	371.00	Cum.	13155.66
8	Brick work with modular fly-ash lime bricks ( Faig Bricks ) confirming 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(b) Extra for brick work in superstructure: Above plinth and upto floor five level. Page No.51, Item No.7.6								
	3263+121=3384.00	8	3.60	0.20	3.55	20.45			
		2	3.35	0.20	3.55	4.76			
		2	3.15	0.20	3.55	4.47			
	Deduction:-	-1	3.00	0.20	2.50	-1.50			
						28.18	3180.00	Cum.	89606.04
9	Providing and making 12 mm thick cement plaster of mix: Page No.103, Item No.11.2								
	In Cement mortar 1:6 (1 Cement :6 fine sand). Page No.103, Item No.11.2.4								
		8	3.60		3.55	102.24			
		2	3.35		3.55	23.79			
		2	3.15		3.55	22.37			
	Deduction:-	-1	3.00	0.20	2.50	-1.50			
						146.89	85.00	Sqm	12485.65

S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
10	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 (1Cement 6 fine sand)								
		Quantity Same As 12mm Plaster				146.89			
		Quantity Same As item no. 5b.				48.00			
		Quantity Same As item no. 5c				37.62			
						232.51	100.00	Sqm.	23251.00
11	<u>Distemping</u>								
	Providing and applying Synthatic oil bound washable Distemper having VoC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428:2000 (product such as Asian Tractor synthatic distemper, Berger Bison Lite, Dulux Magik, Birla Opus Style super smart) 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.								
	14.61	Quantity as per 15mm thick				232.51	54	Sqm.	12555.54
12	Steel work in tubular (round, square or rectangular hollow tubes etc.) structure in built-up sections, trusses and frame work including cutting, hoisting, fixing in position upto a height of 5m above plinth level, consisting of columns trusses, roof and bottom purlins, base plate, holding down bolts, wind ties bracing (if required), bolts, nuts and washers for fastening etc. complete with applying a priming coat of red oxide zinc chromate primer.								
9.3									
9.3.1	Electric resistance or induction butt welded tubes Grade-250	1	15.40	6.40	25.00	2464.00	75.00	Kg.	184800.00
15	10.5 Providing ridges or hips of 60cm overall width in plain G.I. sheet fixed with galvanized washers J or L hooks, bolts and nuts 8mm G.I. limpet and								
	10.5.1 1.00 mm thick sheet with zinc coating not less than 275gm/sqm								
	(BUILDING SOR. ITEM NO.-10.5/90)	1	15.40			15.40	506.00	Mtr.	7792.40



S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
10.12	Supply and fixing of polymer precoated galvalume profile sheets (PPGL) of approved size, shape and pitch of corrugation, total coated thickness (TCT) 0.60 mm +/- 5%, epoxy primer on both side of the sheet and colour polyester top coat 18-20 microns and 6-7 microns on bottom. Sheet should have protective guard film of 25 microns minimum to avoid scratches while transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55mm) with EPDM seal or with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead complete upto any pitch in horizontal/ vertical or curved surfaces excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	2	3.62	15.40		111.50	588.00	Sqm.	65559.65
10.16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm +/- 5% total coated thickness (TCT), Zinc coating 120gsm as per IS: 277 in 240mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws or with polymer coated J or L hooks, bolts and nuts and or G.I. seam bolts and nuts, G.I. plain and bitumen washers complete :	1	15.40			15.40	534 552.00	Mtr	8223.60 <del>8599.80</del>
14	9.27 Supplying and fixing rolling shutter of approved makes made of M.S. laths interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets side guides and arrangements for inside and out side locking with push and pull arrangement complete but excluding the cost of top cover and spring.. Page No.83,Item No.9.27								
	9.27.1 80x1.25mm M.S. Laths.Page No.83,Item No.9.27.1	1	3.00	--	3.00	9.00	Sqm	1436.00	12924.00
15	9.28 providing and fixing 27.5 cm long wire spring for rolling shutters, Page No.83,Item No.9.28	1	--	--	--	2.00	Each	307.00	614.00
16	9.29 Providing and fixing M.S. sheet top cover for rolling shutter.Page No.83,Item No.9.29								

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

S.N	PARTICULAR'S	NOS.	L	W	H/D	QTY	RATE	UNIT	AMOUNT
9.29.1	1.25mm thick Page No 83, Item No 9.29.1	1	3.00	--	0.90	2.70	Sqm	459.00	1239.30
17	9.30 Providing and fixing ball bearing for rolling shutters. Page No 83, Item No 9.30								
		1	--	--	--	2.00	Each	359.00	718.00
18	Providing and applying Glossy finish Enamel paint minimum 2 Coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevant I.S. code 2832: 2013 of (Product such as Asian Acrolite 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								
	R.S	2	3.00	--	3.00	18.00			
	R.S Cover	2	3.00	--	0.90	5.40			
						23.40	Sqm	113.00	2644.20
						641919		Total	642195.83
(a)	Add 6% For Electrification					38515			38531.75
						680434		G Total	680727.58

COMM./C.M.O

E.E./S.E.

AR NAVEEN SAHU

  
Chief Municipal Officer  
Nagar Panchayat Bodla

  
अ-अधियक्षता  
नगर पंचायत-बोदला





ESTIMATE OF TOILET BLOCK									
AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)									
GROUND FLOOR									
[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]						AR NAVEEN SAHU			
S. NO.	PARTICULARS	No.	MEASURMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
1	<b>Earth work in Excavation</b>								
	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.In all types of soil Page No.8,Item No.1.1								
		4	1.50	1.50	1.50	13.50			
						13.50	Cum.	185.00	2497.50
2	<b>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</b>								
		4	1.50	1.50	0.10	0.90			
						0.90	Cum	371.00	333.90
3	<b>P.C.C. Base Conc.</b>								
	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.22,Item No.3.1(ii)1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size). Page No.22,Item No.3.1								
	F1	4	1.50	1.50	0.15	1.35	cum	2260.00	3051.00
	(iii)1:3:6(1 cement :3 coarse sand :6 graded stone aggregate 40 mm								
	HALL	1	3.00	4.05	0.10	1.22			
						2.57	cum	2524.00	6474.06
3	<b>R.C.C. work</b>								
	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete in all works upto floor five level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size). Item No.3.2.1								
	b) M-20								
	A - Footing	4	1.20	1.20	0.45	2.59			
						2.59	cum	3538.00	9170.50

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	B - Column	4	0.20	0.30	1.25	0.30			
						0.30	cum	3538.00	1061.40
	C - Beam								
	GB-1	2	3.80	0.20	0.30	0.46			
		2	3.85	0.20	0.30	0.46			
						0.92			
	LB-1	2	3.80	0.20	0.15	0.23			
		2	3.85	0.20	0.15	0.23			
		1	3.80	0.10	0.15	0.06			
		2	1.50	0.10	0.15	0.05			
						0.56			
	SB-1	2	3.80	0.20	0.30	0.46			
		2	3.85	0.20	0.40	0.62			
						1.07			
						2.55	cum	3621.00	9237.17
	D - Slab								
	Main slab	1	4.45	4.20	0.10	1.87			
	Chhajja	1	1.15	0.60	0.08	0.06			
						1.92	cum	3621.00	6967.53
4	<b>Steel in R.C.C.</b>								
	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 all complete: 1:thermo Mechanically treated steel bars Page No.24,Item No.3.14	(a)Footing taking	2.59	90	Kg/Cum.	233.28			
		(b)Column taking	0.30	90	Kg/Cum.	27.00			
		(c)Beam taking	2.55	90	Kg/Cum.	229.59			
		(d) Slab taking	1.92	90	Kg/Cum.	173.18			
			7.37			663.05	Kg.	46.00	30500.21
5	<b>Centering &amp; Shuttering</b>								
	Providing and fixing formwork including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16,Item No.2.1								
	Foundation, footings, base of columns and plinth beam in any. Shape and size. Page No.16,Item No.2.1.1								
	<b>Footing</b>								
	1.20X4=4.80	4	4.80	--	0.45	8.64			
						8.64			
	<b>GB-1</b>	2	3.80	--	0.60	4.56			
		2	3.85	--	0.60	4.62			
						9.18			
	<b>Column</b>								
	.2+.3+.2+.3=1.00	4	1.00	--	1.95	7.80			
						7.80	Sqm.	128.00	998.40



[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	(v) Columns, pillars Piers and likes- rectangular or square in shape								
	Column								
	.2+.3+.2+.3=1.00	4	1.00	--	3.50	14.00			
						14.00	Sqm.	273.00	3822.00
	Beams, lintels, cantilevers & walls								
	C - Beam								
	LB-1	2	3.80	--	0.30	2.28			
		2	3.85	--	0.30	2.31			
		1	3.80	--	0.30	1.14			
		2	1.50	--	0.30	0.90			
						6.63			
	SB 1								
	.30+.30=.60	2	3.80	--	0.60	4.56			
		2	3.85	--	0.80	6.16			
						10.72			
						17.35	Sqm.	186.00	3227.10
	(vii) Suspended floors, roofs, access platform, balconies (plain surfaces ) and shelves (cast in stu)								
	SLAB	1	4.45	4.20	--	18.69			
	Chhajja	1	1.15	0.60	--	0.69			
						19.38	Sqm.	216.00	4186.08
6	<b>Brick work</b>								
	Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming to IS : 1289-2002 to class designation 40 in foundation and plinth in Cement Mortar 1:6(1 Cement :6 Coarse Sand) 7.5.4								
	Below plinth								
	GB	2	3.80	0.20	0.90	1.37			
		2	3.85	0.20	0.90	1.39			
						2.75	Cum.	3066.00	8443.76
(b)	(b) Extra for brick work in superstructure: Above plinth and upto floor five level. Page No.51, Item No.7.6								
	ABOVE GB	2	3.80	0.20	3.40	5.17			
		2	3.85	0.20	3.40	5.24			
		1	3.80	0.10	2.50	0.95			
		2	1.50	0.10	2.50	0.75			
		3	0.50	0.10	1.50	0.23			
						12.33			
	Deduction								
	DOOR	3	0.75	0.20	2.10	0.95			
		1	0.90	0.20	2.10	0.38			
	V	4	0.45	0.20	0.30	0.11			
						1.43			
						10.90	Cum.	3180.00	34655.64
7	<b>D.P.C on Plinth</b>								

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]						AR NAVEEN SAHU			
S. NO.	PARTICULARS	No.	MEASURMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	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.								
	ABOVE GB	2	3.80	0.20	0.08	0.12			
		2	3.85	0.20	0.08	0.12			
						0.24	Cum.	3601.00	881.52
8	<b>Plastering work</b>								
	12-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:6 (1 Cement: 6 Sand) Page No.108,Item No.11.2								
	ABOVE GB	2	3.80	--	3.40	25.84			
		2	3.85	--	3.40	26.18			
		1	3.80	--	2.50	9.50			
		2	1.50	--	2.50	7.50			
		3	0.50	--	1.50	2.25			
						71.27			
	<b>Deduction</b>								
	DOOR	3	0.75	--	2.10	4.73			
		1	0.90	--	2.10	1.89			
		4	0.45	--	0.30	0.54			
						7.16			
						64.12	Sqm.	85.00	5449.78
9	(a) 15 mm thick cement plaster on the rough of side of single or half brick wall of mix:In Cement mortar 1:6 (1 Cement :6 fine sand) Page No.108,Item No.11.3								
	Quantity same as 12mm plaster					64.12			
	50 % Quantity same as item no. 5B					7.00			
	50 % Quantity same as item no. 5C					8.68			
						79.79	Sqm.	100.00	7979.00
10	6-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:4 (1 Cement: 4 Sand) Page No.108, Item No.11.2								
	Quantity same as item no. 5D					19.38			
						19.38	Sqm.	87.00	1686.06
11	<b>Mooram filling</b>								
	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.9,Item No.1.18								
		1	3.80	4.05	0.45	6.93			
						6.93	Cum.	371.00	2569.36
12	<b>DOOR &amp; WINDOW</b>								



S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	Providing and fixing double glazed hermetically sealed glazing in aluminium window ventilators and partition etc. with 6 mm thick clear float glass both side having 12 mm air gap including providing EPDM gasket, perforated aluminium spacers, desiccants, sealant ( Both primary and secondary sealant)etc. complete. Page No.86,Item No.9.53								
	V	4	0.45	--	0.30	0.54			
						0.54	Sqm	2682.00	1448.28
13	Providing and fixing factory made UPVC door frame made of UPVC profile section having an overall dimension as below (tolerance $\pm 1$ mm) with wall thickness 2.0mm $\pm 0.2$ mm, corners of the door frame to be jointed with galvanized brackets and stainless steel screws, joints mitred and plastic welded. the hinge side vertical of the frame reinforced by galvanized M.S. tube of size 19 x 19 mm and 1 mm $\pm 0.1$ mm wall thickness and 3 nos. stainless steel hinges fixed to the frame complete as per manufacturers specification and direction of Engineer-in-charge ..Item No.8.148								
8.148.2	Extruded section Profile size 42x50 mm.								
		3	4.95	--	--	14.85			
		1	5.10	--	--	5.10			
						19.95	Mtr	177.00	3531.15
14	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 crners by means of M.S. galvanised /plastic brachets of size 75x220 mm having wall thickness 1.0 mm and stainless steel screws.,Item No.8.149.(2)30 mm thick door shutters with styles and rails of size 60x30 mm								
		3	0.75	--	2.10	4.73			
		1	0.90	--	2.10	1.89			
						6.62	Sqm	2245.00	14850.68
15	<u>Grill work</u>								

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	Structural steel work in single section including cutting, hoisting fixing in position and applying a priming coat of red oxide zinc chromate primer. Page No.80,Item No.9.1								
	Ventilator	4	0.45	--	0.75	1.35			
						1.35			
	15 Kg/sqm					20.25	Kg.	52.00	1053.00
16	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete Upto 2 mm thickness to make surface even and smooth in line and level..								
	14.54.1								
	Quantity as per 15mm thick cement					79.79			
	Quantity as per 6mm thick cement					19.38			
	Quantity as per 12 mm thick plaster					64.12			
						163.29	Sqm	78	12736.23
17	<b>Distempering</b>								
	Providing and applying Synthatic oil bound washable Distemper having VoC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428:2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) 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.								
	14.61								
	Quantity as per 15mm thick cement					79.79			
	Quantity as per 6mm thick cement					19.38			
	Quantity as per 12 mm thick plaster					64.12			
						163.29	Sqm	54.00	8817.39
18	<b>Flooring</b>								
	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								
		1	3.80	4.05	0.45	15.39	Sqm.	792.00	12188.88



[ P W D. Building S O R WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S. NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
19	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								
		1	3.80	2.10		7.98			
		6	1.50	2.10		18.90			
		6	0.50	1.50		4.50			
		1	2.00	0.90		1.80			
						33.18			
	Diduction For Door	3	0.75	2.10		4.73			
						28.46	Sqm	750.00	21341.25
20	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 relevent 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								
	ventillator	4	0.45	--	0.30	0.54			
						0.54	Sqm.	113	61.02
a	Add 15% for Electricity & Senitory							Total	219219.84
									32882.98
								Grand Total	252102.82

COMM./C.M.O

E.E./S.E

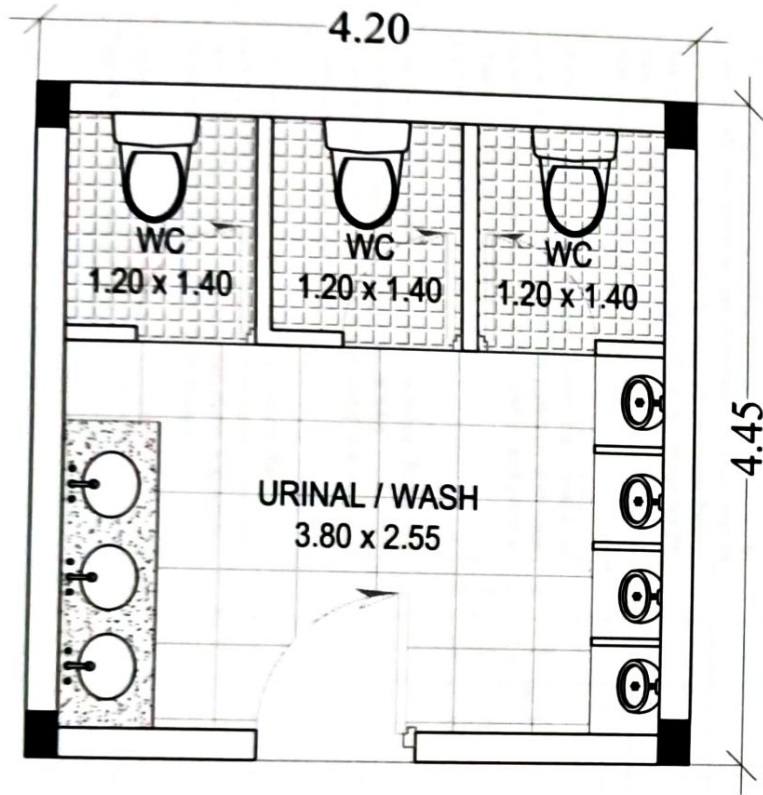
AR NAVEEN SAHU

  
Chief Municipal Officer  
Nagar Panchayat Bodla

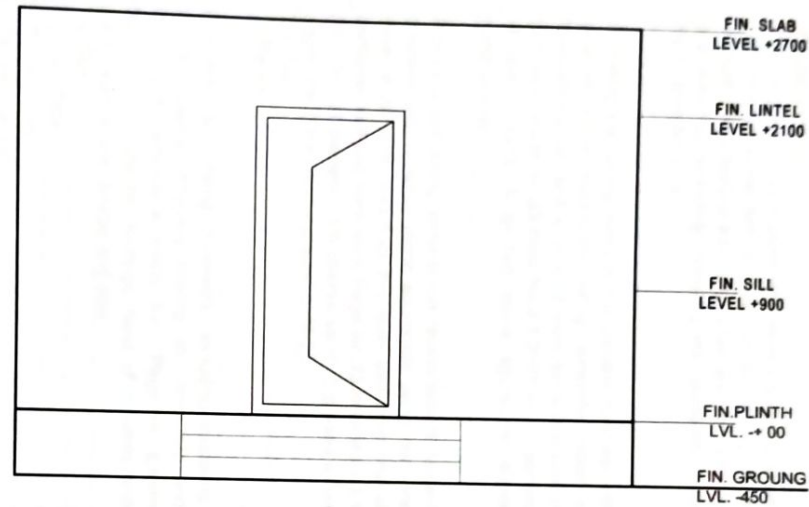
  
उप-अधियक्षा  
नगर पंचायत-बोदला



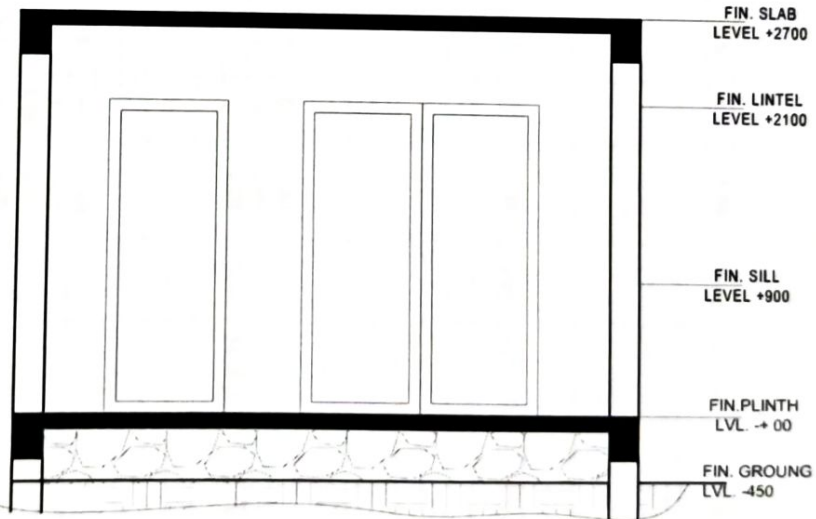
AR. NAVEEN SAHU and ASSOCIATES



PLAN



ELEVATION



SECTION A A'

DWG TYPE : PLANNING  
NOTE :  
DO NOT SCALE FROM THE DRAWING  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :  
**GROUND FLOOR PLAN**

PROJECT NAME AND ADDRESS :

**TOILET  
AT**

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumeet Sahu

Date: REV: 00

ORIENTATION:

**ARCHITECT NAVEEN SAHU  
and ASSOCIATES**

Architects Interior-Designers Engineers Valuer

Mobile: +91 98271 15279  
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Basantpur Chowk, Rainandgaon, C.G.

Chief Municipal Officer  
Nagar Panchayat Bodla

*Ar. Naveen Sahu*  
अर-अभिषेक  
नगर पंचायत-बोडला





**SEPTIC TANK**  
**AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)**  
 (SEPTIC TANK)(SIZE 3.0 M x 2.6 M x 2.8 M)

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	AR NAVEEN SAHU	
								RATE	AMOUNT
1	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	1	3	3.5	1.7	17.85	Cum	185.00	3302.25
2	<b>Moorum filling</b> 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	1	3	3.5	0.10	1.05	Cum	371.00	389.55
3	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).	1	3	3.5	0.15	1.58	Cum	2260.00	3559.50
4	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.3.2.1 (ii) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). b) M-20 Top Slab baffle wll	1 2	3 2.6	3.0 0.1	0.2 0.95	1.80 0.49			
5	Providing and fixing formwork including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16, Item No.2.1 (i) Foundation, footings, base of columns and plinth beam in any. Shape and size Top Slab Top Slab Side baffle wall side baffle wall bottom	1 1 4 1	5 16.8 2.5 2.6	2.6 ----- ----- 0.1	----- 0.1 0.95 -----	13.00 1.68 9.50 0.26	Cum	3538.00	8116.17
6	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 all complete: thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1 Steel required @100kg/Cum of R.C.C.					24.44	Sqm	128.00	3128.32
						229.40	Kg.	46.00	10552.40
7	Brick work with modular well burnt clay bricks of crushing strength not less than 25 kg/sqcm and water absorption not more than 20% in foundation and plinth in : page no. 44 Item No. 7.2.2 Cement Mortar 1:6	2 2 2 2	3 2.6 3 2.6	0.3 0.3 0.2 0.2	1.2 1.2 1.6 1.6	2.16 1.87 1.92 1.66			
8	Supplying and fixing C.I. cover without frame for manholes. (Page No.192 Item no.20.14.1 a) 455x610mm rectangular C.I. (Light Duty), the weight of cover to be not less than 23kg.	1	---	---	---	1	Each	1082.00	1082.00
9	Providing mild steel foot rests including fixing and painting in manholes with 20x20x10cm cement concrete block 1:3:6 (1 cement : 3 sand : 6 graded stone aggregate, 20mm nominal size) as per standard design. a With 20x20mm square bar Page No.192, Item No.20.13.1	12	---	---	---	12	Each	198.00	2376.00

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]							AR NAVEEN SAHU		
S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
10	Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand:4 graded stone aggragte 20mm) finshed with a floating coat of neat cement. Page No.111,Item No.12.3								
	40 mm thick. Page No.111,Item No.12.3.1	1	3	2.6	---	7.8	Sqm	196.00	1528.80
11	(a) Providing & making 12 mm thick cement plaster of mix: Page No.103,Item No.11.2.4	2	3.0	---	2.8	16.8			
	(iv) In Cement mortar 1:6 (1 Cement :6 fine sand)	2	2.6	---	2.8	14.56			
		2	3	---	0.6	3.6			
		2	3.0	---	0.6	3.6			
						38.56	Sqm	85.00	3277.60
12	neat cement punning	1	3	2.6	---	7.8			
	Page No.104,Item No.11.5	2	3	---	2.8	16.8			
		2	2.6	---	2.8	14.56			
						39.16	Sqm	31.00	1213.96
							Total :-		61877.21

COMM./C.M.O

E.E./S.E

AR NAVEEN SAHU

  
Chief Municipal Officer  
Nagar Panchayat Bodla

  
उप-अधिरक्ष  
नगर पंचायत-बोडला





ESTIMATE OF BORE WELL									
AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)									
[As per P.H.E.D-U.S.O.R 2020, AMENDMENT NO-09/2023-24]									
S.N	ITEM NO.	PARTICULARS OF ITEMS	NOS.	L	W	H/D	QTY	UNIT	AMOUNT
1	28.1	Carrying out the resistivity survey by VES method using Schlumberger configuration for locating the proper spot for drilling of tube well within the selected habitation, including photography, interpretation of resistivity data and submission of report in the desired format along with resistivity readings, necessary graph and photographs. (only successful point is payable)	1				1.00	point	2058.00
2	29.3	Drilling bore well perfectly vertical for the specified depth suitable to receive required dia for 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 & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge upto 90 metre depth below ground level.							
	(a)	All types of soil							
		150 mm dia.	1			25	25.00	meter	664.00
		Rocky strata including Boulders							
		150 mm dia.	1			50	50.00	meter	805.00
3	29.10	Construction of concrete block over dry tube well of protection of size 0.45m x0.45x0.45m in M-15 Cement concrete mix complete work							
			1				1.00	Each	793.00
4	3(page 356)	ISI Mark 32 mm. dia. G.I. riser pipe in 3meter length s-ocketed on one end as per I.S. 1239 (Part I) 1990 up-to-date amendments and socket as per I.S. 2062/1990 up-to-date amendment, Part-C, General Note: 27.28.10 Rate 20 +18% GST =236 /- (as per note : 27.28.10)							
			1			75	75.00	meter	236.00
5	6(page 356)	ISI marked G.I. casing pipe (Plain) medium classni46p(age13.7:729Pant,onwithersliona sper date amendments), Part-C, General Note: 27.28.10 CM casing pipes, 150 mm dia Rate 1251 +18% GST=1476.18/- (as per note :)							
			1			25	25.00	meter	1476.18
6	29.9	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 bore well of:							
	©	150 mm dia.	1				1.00	each	474.00

AR NAVEEN SAHU

**AR NAVEEN SAHU**

Lehans  
४४-अभियंता  
नगर पंचायत-बोडुला





## ESTIMATE OF SHAV CHABUTRA

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

[ P W D Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S. No.	SOR I. No.	Item of Work	Measurement				Qty.	Unit	Rate	Amount
			No	L	B	D/H				
1	1.1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils.								
			1	6.60	0.40	0.60	1.58			
			Net Qty.				1.58	cum	185.00	293.04
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			1	6.60	0.40	0.10	0.26			
			Net Qty.				0.26	cum	371.00	97.94
3	3.1.3	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).								
			1	6.60	0.40	0.10	0.26			
			Net Qty.				0.26	cum	2524.00	666.34
4	3.2.1	Brick work with modular fly-ash lime bricks ( Falg Bricks ) confirming 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								
			1	6.60	0.30	1.00	1.98			
			Total A				1.98	cum	3066.00	6070.68
5	11.2.4	Providing and making 12 mm thick cement plaster of mix: Page No.103,Item No.11.2								
			1	6.60		1.00	6.60			
							6.60	Sqm.	85.00	561.00
6	11.3.4	Providing and 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								

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

S. No.	SOR I. No.	Item of Work	Measurement				Qty.	AR NAVEEN SAHU		
			No	L	B	D/H		Unit	Rate	Amount
		In Cement mortar 1:6 (1 Cement :4 fine sand), Item No.11.3.4								
		Quantity Same As 12 mm					6.60			
							6.60	Sqm.	100.00	660.00
7	11.1.2	Providing & making 6 mm thick cement plaster of mix:Page No.103,Item No.11.1.2(i)In Cement mortar 1:4 (1 Cement :3 fine san								
			1	6.6	0.30		1.98	Sqm.	81.00	160.38
8		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.3.2.1 (ii)1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size).b) M-20								
		Flooring	1	2.10	1.20	0.10	0.25			
							0.25	Cu.M	3538.00	891.58
9	3.12.1	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 all complete:thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
		Qty of R.C.C.			0.25	100Kg/Cum	25.20	kg	46.00	1159.20
10	13.6.2	15 mm thick Graite work (machine cut, table rubbed & mirror polished) for kitchen platform, counters, window sills and similar locations of required size laid over 20 mm thick base cement mortar 1:4 (1 cement:4 coarse sand) including joints treated with white cement mixed with matching pigment including rubbing and polishing to edge moulding to give high gloss finish.								
		Granite stone black Page No.125,Item No.13.6.2								
			1	2.10	1.20	-	2.52			
							2.52	sqm	2953.00	7441.56



[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2028 ]

AR NAVEEN SAHU

P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]							AR NAVEEN SAHU			
S. No.	SOR I. No.	Item of Work	Measurement				Qty.	Unit	Rate	Amount
			No	L	B	D/H				
11	13.5.2	8 mm thick Granite tile 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.								
		Granite stone black								
			1	6.60	-	0.60	3.96			
			1	6.60	-	0.30	1.98			
							5.94	sqm	1540.00	6098.40
12	19.19.12	Extra for providing edge moulding to 15 mm thick stone counters, vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer -in - Charge								
		Granite work Page No.127,Item No.13.19.2								
			2	6.60	-	-	13.20			
							13.20	Mtr.	155.00	2046.00
13	12.55	Extra for necessary grinding and polishing to get mirror finish on KOTA/ Marble Stone flooring / steps/ treads instead of normal grinding and polishing. Page No.119,Item No.12.55								
			1	6.60	0.32	-	2.11			
			1	6.60	-	0.60	3.96			
			1	6.60	-	0.30	1.98			
							8.05	Sqm	232.00	1868.06
14	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.								
			1	2.10	1.20	0.45	1.13			
							1.13	Cum	371.00	420.71
								Total		28434.89

**COMM./C.M.O**

**E.E./S.E**

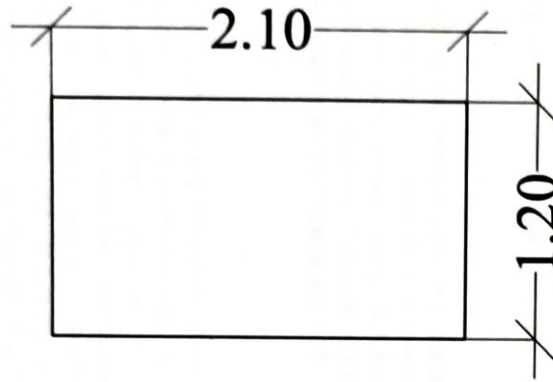
**AR NAVEEN SAHU**

  
Chief Municipal Officer  
Nagar Panchayat Bodla

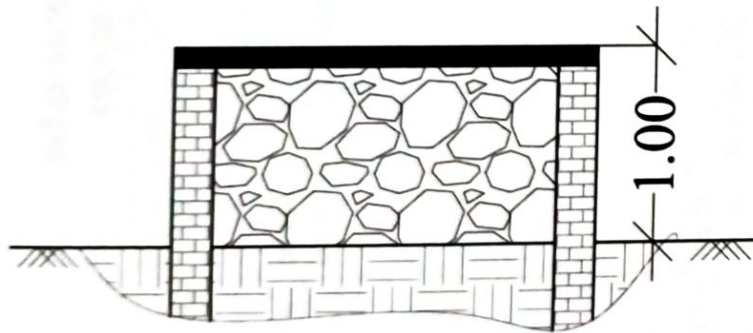
*Saharsh*  
 व्यवस्थापक  
 नगर पंचायत-बोडुला



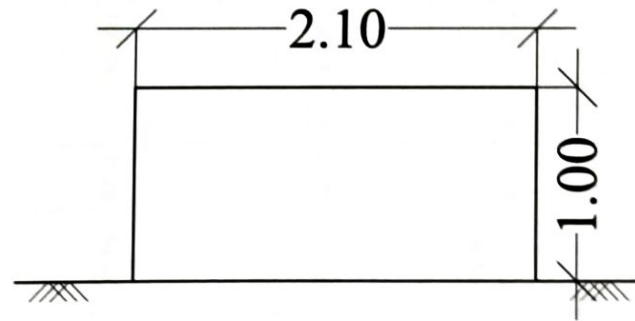
AR. NAVEEN SAHU and ASSOCIATES



PLAN



SECTION



ELEVATION

*[Signature]*  
Chief Municipal Officer  
Nagar Panchayat Bodla

*[Signature]*  
अप-अभियंता  
नगर पंचायत-बोडला



DWG TYPE : PLANNING

NOTE :

DO NOT SCALE FROM THE DRAWING  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :

GROUND FLOOR PLAN

PROJECT NAME AND ADDRESS :

CHABUTARA  
AT

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumeet Sahu

Date:

REV: 00

ORIENTATION:

**ARCHITECT NAVEEN SAHU  
and ASSOCIATES**

Architects Interior-Designers Engineers Valuers

Mobile: +91 98271 15279

Office : +91 87188 15279

E-mail ar.naveenks@gmail.com



## ESTIMATE OF PAVERS

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

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S.NO.	PARTICULARS OF ITEMS	NO.	L	W	D/H	QTY	UNIT	RATE	AMOUNT
1	Excavation for all types and sizes of foundation, trenches and drains or for any other purpose 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								
		1	100.00	1.50	0.20	30.00			
		2	100.00	0.20	0.30	12.00			
						42.00	Cu.M	185.00	7770.00
2	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).								
		2	100.00	0.20	0.10	4.00			
						4.00	Cu.M.	2260.00	9040.00
	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 40mm nominal size).Item No.3.1.4								
		2	100.00	0.10	0.26	5.20	Cu.M.	3018.00	15693.60
3	Providing and fixing formwork Including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for:, Item No.2.1 (i) Foundation, footings, base of columns and plinth beam in any. Shape and size								
		2	100.00		0.26	52.00	Sqm.	128.00	6656.00
4	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								
		1	100.00	1.50	0.20	30.00			
						30.00	Cu.M.	371.00	11130.00
5	Providing and laying 60 mm thick precast interlocking concrete blocks of approved size (approx 305 sqcm) and shape/ pattern, over 40 mm thick average complete coarse sand bed with joints of 3 mm thick filled by fine sand including leveling with surface vibrator, tamping and sweeping etc. complete of minimum compressive strength of 250 kg/sq.cm Page No.120,Item No.12.65 (ii) Coloured pigment ( rubber mould ) precast interlock concrete blocks								
		1	100.00	1.50	--	150.00			
						150.00	Sqm	558.00	83700.00
							Total-		133989.60

COMM/C.M.O.  
Chief Municipal Officer  
Nagar Panchayat Bodla

E.E./S.E.  
उप-अधीक्षक  
नगर पंचायत-बोड़ला

AR NAVEEN SAHU  
ARCHITECT  
AR NAVEEN SAHU  
CA 2008-48483

ARCHITECT NAVEEN SAHU AND ASSOCIATES



**AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)**

AR NAVEEN SAHU
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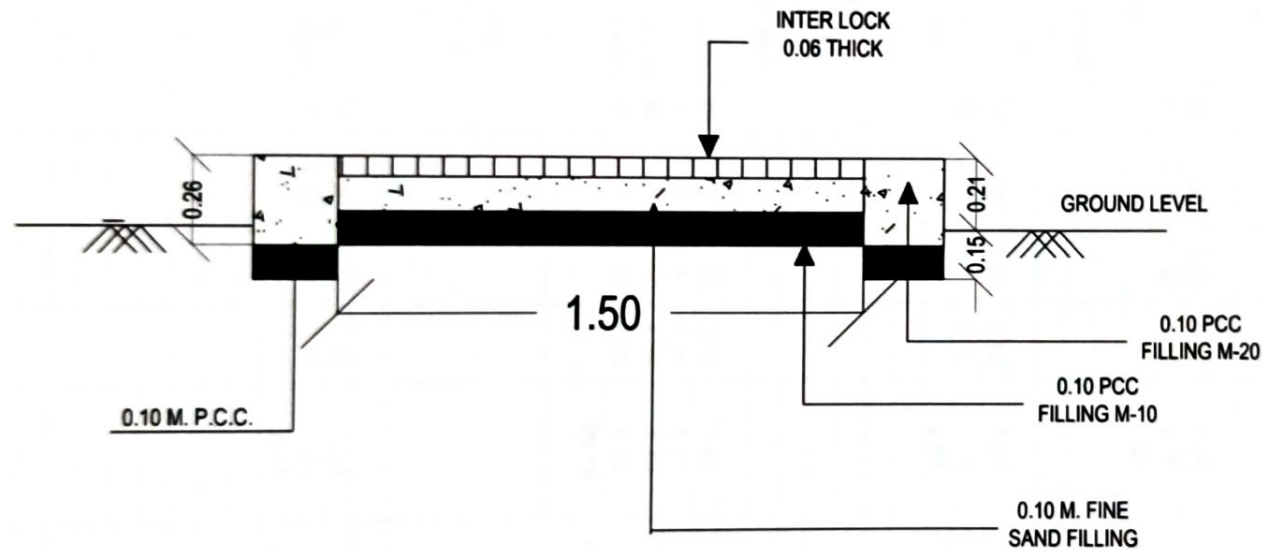
  
Chief Municipal Officer  
Nagar Panchayat Bodla

**Sahar**  
उप-अधीक्षक  
नगर पंचायत-बोडुला

ARCHITECT NAVEEN SAHU & ASSOCIATES  
AR. NAVEEN SAHU  
CA 2009-46483

AR. NAVEEN SAHU and ASSOCIATES





*[Signature]*  
 Chief Municipal Officer  
 Nagar Panchayat Bodla

*[Signature]*  
 मय-अभियंता  
 नगर पंचायत-बोडला



DWG TYPE : PLANNING

NOTE :

DO NOT SCALE FROM THE DRAWING  
 ALL DIMENSIONS ARE IN METER  
 PLEASE WORK IN METER

DWG TITLE :

PATHWAY

PROJECT NAME AND ADDRESS :

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumeet Sahu

Date:

REV: 00

ORIENTATION:

**ARCHITECT NAVEEN SAHU  
 and ASSOCIATES**

Architects Interior-Designers Engineers Valuer

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# ESTIMATE OF BOUNDARY WALL

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

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR. NAVEEN SAHU

S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
1	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								
	Column	26	1.50	1.50	1.50	87.75			
	Ground Beam	25	3.70	0.30	0.30	8.325			
						96.08	Cum	185.00	17773.88
2	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								
		26	1.50	1.50	0.10	5.85			
		25	3.70	0.30	0.10	2.78			
						8.63	Cum	371.00	3199.88
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation,plinth and at ground level excluding cost of (iii)1:3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal								
		26	1.50	1.50	0.10	5.85			
		25	3.70	0.30	0.10	2.78			
						8.63	Cum	2524.00	21769.50
4	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.3.2.1								
	Footing	26	1.20	1.20	0.20	7.49			
		26	0.90	0.90	0.25	5.27			
	Column	26	0.20	0.30	1.15	1.79			
	Beam	25	3.70	0.20	0.30	5.55			
						20.10	Cum	3538.00	71103.19
	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								
	Column	26	0.20	0.30	2.10	3.28			
	Beam	25	3.70	0.20	0.10	1.85			
						5.13	Cum	3621.00	18561.25
5	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 all complete thermo Mechanically treated steel bars FE 415 Page No.24, Item No.3.12.1								
	Thermo-Mechanically treated bars, 100 kg per cu.m.					2009.70	Kg.	46.00	92446.20
	(Page - 24,Item - 3.14.1)								



[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]						AR. NAVEEN SAHU			
S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
6	Providing and fixing formwork including shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: <b>Page No.16, Item No.2.1</b> (i) Foundation,								
	(1.20+1.20+1.20+1.20=4.80) Footing	26	4.80		0.20	24.96			
	(0.90+0.90+0.90+0.90=3.60)	26	3.60		0.25	23.40			
	(0.20+0.30+0.20+0.30=1.00) Column	26	1.00		1.15	29.90			
	Beam	25	3.70		0.40	37.00			
						<b>115.26</b>	Sqm	128.00	<b>14753.28</b>
(a)	(v) Columns, pillars Piers and likes- rectangular or square in shape								
	<b>Column</b>								
	(0.20+0.30+0.20+0.30=1.00) Column	26	1.00		2.10	54.60			
						<b>54.60</b>	Sqm.	273.00	<b>14905.80</b>
(b)	Beams, lintels, cantilevers & walls <b>Page No.16, Item No.2.1.8</b>								
	<b>Top Beam</b>								
	Beam	25	3.70		0.20	18.50			
						18.50	Sqm.	186.00	<b>3441.00</b>
7	Brick work with modular fly-ash lime bricks ( Faig Bricks ) conforming to IS : 1289-2002 to class designation 40 in foundation and plinth in Cement Mortar 1:6(1 Cement :6 Coarse Sand) 7.5.4								
	Bellow Beam	25	3.70	0.20	0.20	3.7	Cum	3066.00	<b>11344.20</b>
	Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth.: <b>Page No.45, Item No.7.6</b>								
	Above Beam	25	3.70	0.20	1.80	33.30	Cum	3180.00	<b>105894.00</b>
8	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. <b>Page No.11, Item No.1.18</b>								
		26	1.50	1.50	1.50	87.75			
	<b>Deduction</b>								
		26	1.50	1.50	0.10	5.85			
		26	1.50	1.50	0.10	5.85			
		26	1.20	1.20	0.20	7.49			
		26	0.90	0.90	0.25	5.27			
		26	0.20	0.30	0.55	0.86			
						25.31			
						62.44	Cum	371.00	<b>23164.87</b>
9	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of red oxide zinc chromate primer. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works. <b>Page No.80, Item No.9.6.2</b>								
		25	3.70		0.30	27.75	Sqm.		

[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

						AR. NAVEEN SAHU			
S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
	35 kg/Sqm					971.25	Kg	58.00	56332.50
10	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 relevent 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.								
	<b>Item No.14.72</b>								
	Railing	25	3.70		0.30	27.75			
						27.75	Sqm.	113.00	3135.75
11	12-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:6 (1 Cement: 6 Sand) Page No.108,Item No.11.2.4								
		25	3.70	0.20	2.10	38.85			
						38.85	Sqm.	85.00	3302.25
12	(a) 15 mm thick cement plaster on the rough of side of single or half brick wall of mix:In Cement mortar 1:6 (1 Cement :6 fine sand) Page No.108,Item No.11.3.4								
	Quantity Same As item no.6(a)+6(b)					73.10			
	Quantity Same As 12 mm Plaster					38.85			
						111.95	Sqm.	100.00	11195.00
13	6-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:4 (1 Cement: 4 Sand) Page No.108, Item No.11.1.2								
		25	3.70	0.20		18.50			
		26	0.20	0.20		1.04			
						18.50	Sqm.	81.00	1498.50
14	<b>Distempering</b>								



[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]

AR. NAVEEN SAHU

S.No.	PARTICULARS	No.	L	B	H/D	QTY.	UNIT	RATE	AMOUNT
	Providing and applying Synthatic oil bound washable Distemper having VoC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428:2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) 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.								
14.61									
						Qty. Same As 12 mm Plaster		38.85	
						Qty. Same As 15 mm Plaster		111.95	
						Qty. Same As 06 mm Plaster		18.50	
								169.30	
							Sqm.	54.00	9142.20
						Cost For 100 Mtr.		Total :-	482963.23
						Cost For 1 Mtr.			4829.63
						Cost For 150 Mtr.			724444.85

CMMO./C.M.O

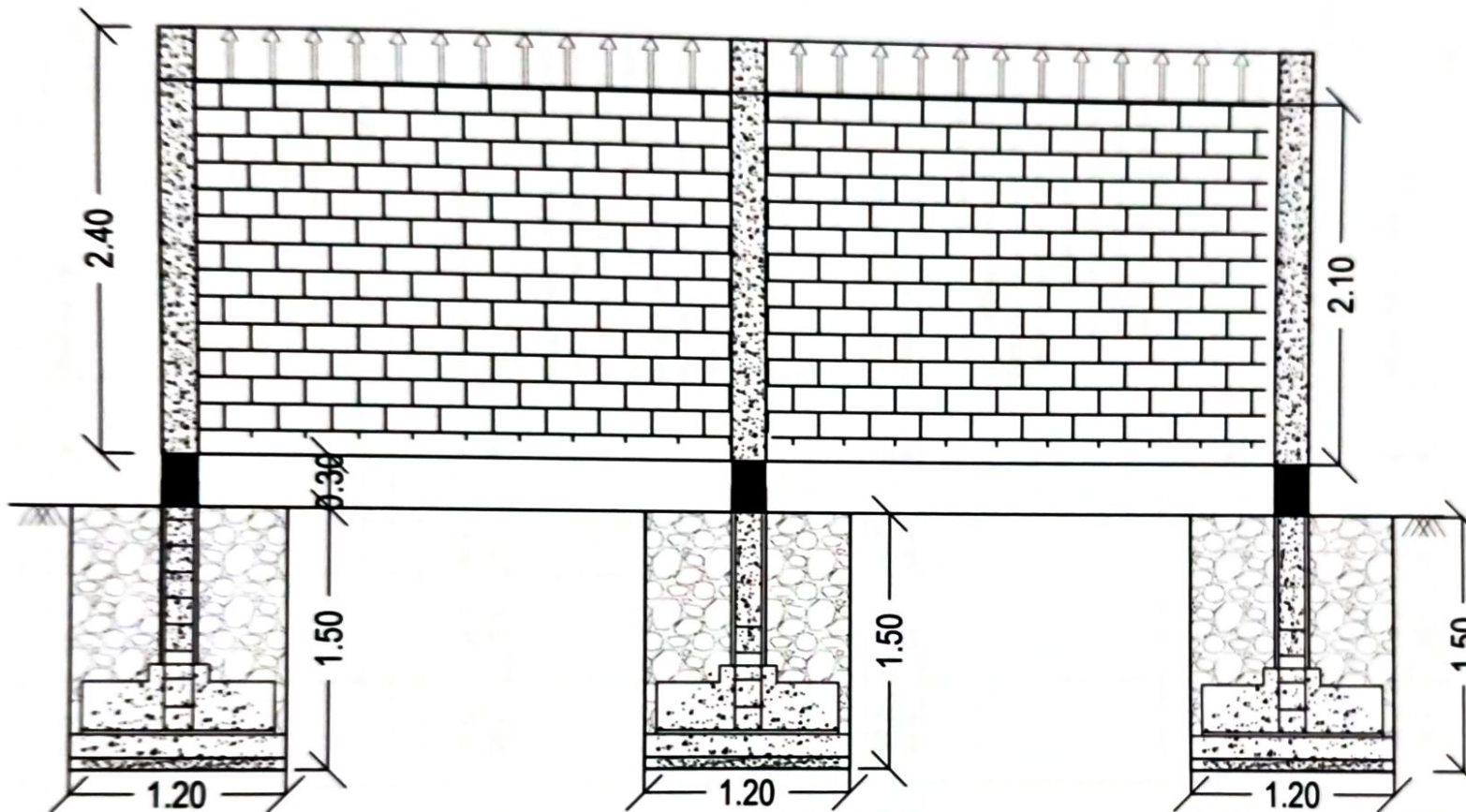
E.E./S.E

AR NAVEEN SAHU

  
Chief Municipal Officer  
Nagar Panchayat Bodla

  
हय-अभियंता  
नगर पंचायत-बोड़ला



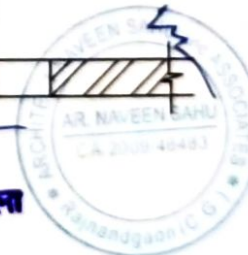


**SECTION**

**GROUND FLOOR PLAN**

Chief Municipal Officer  
Nagar Panchayat Bodla

अभियंता  
नगर पंचायत-बोडला



DWG TYPE PLANNING

NOTE

DO NOT SCALE FROM THE DRAWING  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :

**GROUND FLOOR PLAN**

PROJECT NAME AND ADDRESS :

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumet Sahu

Date:

REV: 00

ORIENTATION:

**ARCHITECT NAVEEN SAHU  
and ASSOCIATES**

Architects Interior-Designers Engineers Valuers

Mobile: +91 98271 15279

Office: +91 87188 15279

E-mail ar.naveenks@gmail.com



# ESTIMATE OF ENTRANCE GATE

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

[ P.W.D. Building S.O.R WITH EFFECT FROM 20TH APRIL 2026 ]

AR NAVEEN SAHU

S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
1	<b>Earth work in Excavation</b>								
	Excavation for all types and sizes of foundation, trenches and drains or for any other purpose 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,ItemNo.1.1(i)In all types of soil								
		4	1.50	1.50	1.80	16.20			
	For Ground Beam	2	4.50	0.40	0.60	2.16			
						18.36	Cum	185.00	3396.60
	Extra for every additional lift of 1.5 m or part thereof . Page No.10,Item No.1.6								
		4	1.5	1.5	0.3	2.70			
						2.70	Cum	26.50	71.55
	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								
	In Footing	4	1.50	1.50	0.10	0.90			
	Bellow Ground Beam	2	4.50	0.40	0.05	0.18			
						1.08	Cum	371.00	400.68
2	<b>P.C.C. Base Conc.</b>								
	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.22,Item No.3.1 3:6 (1 cement :3 coarse sand :6 graded stone aggregate 40mm nominal size).Page No.23,Item No.3.1.3								
	F1	4	1.50	1.50	0.20	1.80			
	Bellow Ground Beam	2	4.50	0.40	0.10	0.36			
						2.16	Cum	2524.00	5451.84
3	<b>R.C.C. work</b>								
	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete in all works upto floor five level excluding cost of form work. 1:1½:3 (1 cement : 1½ coarse sand :3 graded stone aggregate 20mm nominal size). Item No.3.2.1								
	b) M-20								
	A - Footing	4	1.30	1.30	0.50	3.38			
						3.38			

[ P.W.D Building S O R WITH EFFECT FROM 20TH APRIL 2026 ]]						AR NAVEEN SAHU			
S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	B - Column	4	0.30	0.45	1.00	0.54			
						0.54			
	C - Beam								
	Ground Beam	2	4.50	0.30	0.45	1.22			
						1.22			
						5.14	cum	3538.00	18167.63
	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								
	B - Column	4	0.30	0.45	4.50	2.43			
	Slab Beam	2	4.50	0.30	0.45	1.22			
		6	0.90	0.30	0.20	0.32			
						3.97			
						3.97	cum	3621.00	14371.75
4	<b>Steel in R.C.C.</b>								
	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 all complete: I:thermo Mechanically treated steel bars Page No.24,Item No.3.14	(a)Footing taking	3.38	80	Kg/Cum.	270.40			
		(b)Column taking	0.54	100	Kg/Cum.	54.00			
		(c)Beam taking	5.18	110	Kg/Cum.	570.24			
						894.64	Kg.	46.00	41153.44
5	<b>Centering &amp; Shuttering</b>								
	Providing and fixing formwork including, shuttering, strutting, staging, propping bracing etc. complete and including its removal at levels, for: Page No.16,Item No.2.1								
	Foundation, footings, base of columns and plinth beam in any. Shape and size. Page No.16,Item No.2.1.1								
	<b>Footing</b>								
	1.30+1.30+1.30+1.30=5.20	4	5.20	--	0.50	10.40			
						10.40			
	<b>GB-1</b>	2	4.50		0.90	8.10			
						8.10			
	<b>Column</b>								
	.45+.30+.45+.30=1.50	4	1.50		1.00	6.00			
						6.00			
						24.50	Sqm.	128.00	3136.00
	(v) Columns, pillars Piers and likes- rectangular or square in shape								
	<b>Column</b>								
	.45+.30+.45+.30=1.50	4	1.50		4.50	27.00			
						27.00	Sqm.	273.00	7371.00
	(ix) Beams, lintels, cantilevers & walls								



S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	C - Beam								
	SB-1	2	4.50		0.90	8.10			
		6	0.90		0.70	3.78			
						11.88	Sqm.	186.00	2209.68
6	<b>Brick work</b>								
	(b) Extra for brick work in superstructure: Above plinth and upto floor five level. Page No.51, Item No.7.6								
	Above slab beam	2	4.50	0.30	0.30	0.81			
						0.81	Cum.	3180.00	2575.80
8	<b>Plastering work</b>								
	12-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:6 (1 Cement: 6 Sand) Page No.108, Item No.11.2.4								
	ABOVE GB	2	4.50		0.30	2.70			
						2.70	Sqm.	85.00	229.50
9	(a) 15 mm thick cement plaster on the rough of side of single or half brick wall of mix: In Cement mortar 1:6 (1 Cement :6 fine sand) Page No.108, Item No.11.3.4								
	Quantity same as 12mm plaster					2.70			
	Quantity same as item no. 5B					11.88			
	Quantity same as item no. 5C					27.00			
						41.58	Sqm.	100.00	4158.00
10	6-mm. Thick cement plaster on the rough side of single or half brick wall. In Cement Mortar 1:4 (1 Cement: 4 Sand) Page No.108, Item No.11.1.2								
	Slab Beam	2	4.50	0.30		2.70			
						2.70	Sqm.	81.00	218.70
11	<b>Mooram filling</b>								
	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.9, Item No.1.18								
	Filling in footing(50% of total excavated vol)					9.18			
						9.18	Cum.	371.00	3405.78
12	<b>Painting</b>								
	Exterior Paint								

S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
	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 articleand 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 15mm thick cement plaster	41.58		
						Quantity as per 6mm thick cement plaster	2.70		
						Quantity same as 12mm plaster	2.70		
						46.98	Sqm	79.00	3711.42
17	<b>Grill work</b>								
	Steel work welded in built up sections / framed work including cutting hoisting fixing in position and applying a priming coat of red oxide zinc chromate primer Page No.80,Item No.9.6In gratings, frames ,guard bar, ladder, railings brackets, gates and similar works. Page No.80,Item No.9.6.2								
	gate	2	2.25	--	2.50	11.25			
						11.25			
						393.75	Kg.	58.00	22837.50
	35Kg/sqm								
18	Providing and applying plaster of paris putty over plastered wall surface including scaffolding complete.Item No. 14.51								
	Upto 2 mm thickness to make surface even and smooth in line and level.Item No. 14.51.1								
						Quantity as per 15mm thick cement	41.58		
						Quantity as per 6mm thick cement	2.70		
						Quantity as per 12 mm thick plaster	2.70		
						46.98	Sqm.	78.00	3664.44

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[ P W D Building S O R. WITH EFFECT FROM 20TH APRIL 2026 ]						AR NAVEEN SAHU			
S.NO.	PARTICULARS	No.	MEASUREMENT			QTY.	UNIT	RATE	AMOUNT
			L	B	H/D				
19	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 relevent 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								
	gate	4	2.25	—	2.50	22.50			
						22.50	Sqm.	113.00	2542.50
								Total	139073.81

COMM./C.M.O

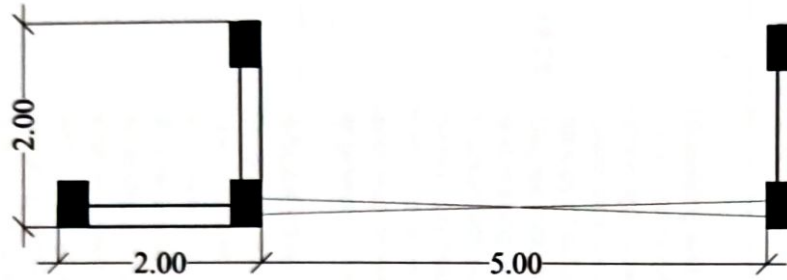
E.E./S.E

AR NAVEEN SAHU

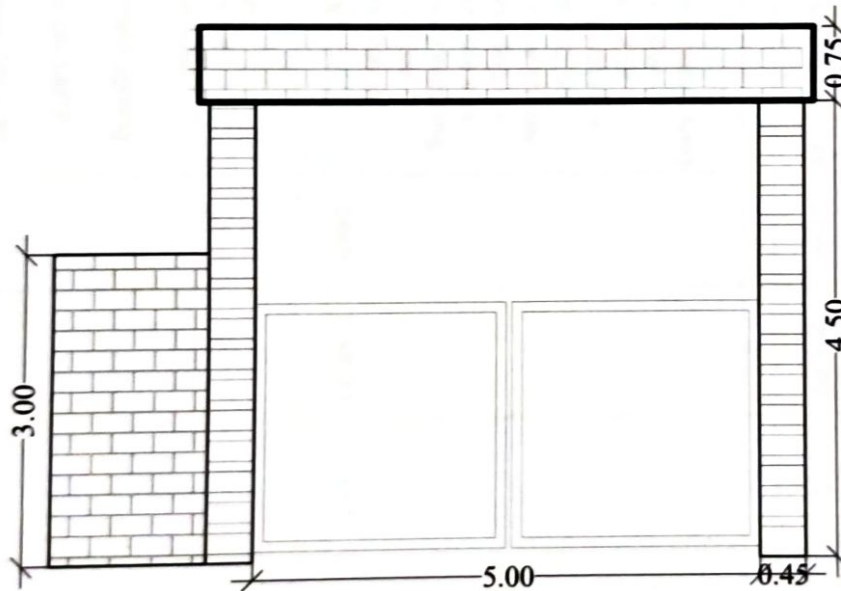
  
Chief Municipal Officer  
Nagar Panchayat Bodla

  
अध्यक्ष  
नगर पंचायत-बोड़ला





PLAN



ELEVATION

Chief Municipal Officer  
Nagar Panchayat Bodla

अध्यक्ष  
नगर पंचायत-बोदला



DWG TYPE : PLANNING

NOTE :

DO NOT SCALE FROM THE DRAWING.  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :

GROUND FLOOR PLAN

PROJECT NAME AND ADDRESS :

ENTRANCE GATE

Checked By : Ar. Naveen Sahu

Drawn By : Er. Sumet Sahu

REV: 003

ORIENTATION:

|| AR NAVEEN SAHU ||

98271-15279

ar.naveenks@gmail.com

Basantpur Chowk, Rajnandgaon, C.G.



# ESTIMATE OF LIGHT POLE

## AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)

[ As per S.O.R.P.W.D ELECT W.E.F. 10.04.2026 ]

AR NAVEEN SAHU

S/NO	CSR	PURTICULARS	UNIT	RATE	QTY	AMOUNT
1	19.29.3	Supply of 5 M Height Conical Pole diameter 75 mm at top 129 at bottom. Baseplate Size 200 x 200 x 12 mm foundation bolt 450 mm long Mx16 EN 8 grade	Each	7586.00	12	91032.00
2	19.11	Erection of GI octagonal pole on existing cement concrete foundation having grouted bolts and nuts, aligning in true vertical position as required.				
	19.11.3	5 metre high	Each	616.00	12	7392.00
3	19.23/169	Designing and providing suitable RCC foundation in cement concrete 1:2:4 ( 1 cement:2 coarse sand:4 graded stone aggregate 20 mm nominal size) for 3 mere to 12 metre high GI octagonal pole including steel reinforcement ( Minimum 90 kg per cum), form work, ebeding 2 nos 50 mm dia PVC pipe for cable entry in each foundation , excavation disposal of surplus soil and curing etc. as required.	cubm	4604.00	12	55248.00
4	19.25	Supplying and fixing of single over hang (Arm) 1000 MM (long)x50 mm dia decorative GI street light pole bracket made out of GI "A" Class pipe welded to 300 MM Long GI Pole canopy of suitable dia at angle of 102.50 Degree including having GI triangular stiffner and making arrangement for tightening the bracket with pole by providing suitable size heavy duty nuts and bolts in canopy including FRP Dome on existing pole etc. as per enclosed drawing and as per direction of engineer-in-charge.	Each	1748.00	12	20976.00
5		<b>SOLAR STREET LIGHTS</b> Supplying, Installation, testing and commissioning of hybrid solar street luminaire of housing made of extruded Aluminium and IP65 ingress protection. The all in one solar street lighting system having system lumen output up to 120 LPW (as per LM79 report of NABL accredited lab only), CCT of 6500k (+/- 500k) and CRI > 70, L70 should be of 50000 hours or more. The luminaire should be having SMD type LEDs with secondary lens / optics suitable for street lighting application, MPPT charge Controller and DC driver and				

12-1 Earthing with G.I. earth pipe 4.50 meter long, 40mm dia including accessories and providing masonry enclosure with cover plate heavy locking assembly and any AR. NAVEEN SAHU and ASSOCIATES pipe etc. as per drawing and as per specification and IS Code 3043: 1987 (R 2016)

01

2861

AR. NAVEEN SAHU and ASSOCIATES

[ As per S.O.R.P.W.D ELECT W.E.F. 10.04.2026 ]						
S/NO	CSR	PURTICULARS	UNIT	RATE	QTY	AMOUNT
	6.81	automatic dusk to dawn operation feature. The All in one Solar Street light must have hybrid feature under which LED light can be operate by both AC mains & DC supply. The integrated luminaire should have monocrystalline PV module, Lithium battery pack having upto 10Hrs. of autonomy with full power mode and upto 36Hrs. of autonomy with saving mode. Specially designed in built PIR sensor allows to sense motion i.e. if a human is within sensor range then streetlight is at 100% full power lighting mode otherwise if no movement is detected to save energy it dims down to 30% of power.				
	6.81.1	25w , 50Wp Monocrystalline Panel - 12.8V 22Ah Lithium Ferro Phsophate (LifePo4) battery	Each	35104.00	12	421248.00
						598757
					Total	598896.00
		For 12 Nos				598896.00
		For 1 Nos			49,897	49658.00
		For 4 Nos			Total	198632.00

199,588

COMM./C.M.O

Chief Municipal Officer  
Nagar Panchayat Bodla

E.E./S.E

सह-अभियंता  
नगर पंचायत-बोड़ला

AR NAVEEN SAHU





ESTIMATE FOR CONCRETE CHAIR										
AT NAGAR PANCHAYAT BODLA DIST :- KABIR-DHAM (C.G.)										
[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]								AR. NAVEEN SAHU		
S. N	SOR ITEM	PARTICULAR	NO.	L	W	H/D	QTYS	UNIT	RATE	AMOUNT
1	1.1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1.5 m lift and lead upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.								
	1.1.1	In all types of soils.	2	0.60	0.30	0.30	0.11	cum	185.00	19.98
2	1.18	Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete.	2	0.60	0.30	0.10	0.04	cum	371.90	13.36
3	3.1	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.1.3	1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	2	0.60	0.30	0.15	0.05	cum	2524.00	136.30
4	2.1	Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:								
	2.1.1	Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level.	2	0.60		0.60	0.72	sqm	128.00	92.16
	2.1.7	Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)	1	2.50		0.60	1.50	sqm	216.00	324.00
5	3.2	Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work.								
	3.2.1	1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size).								
			2	0.60	0.15	0.60	0.11			
			1	2.50	0.60	0.10	0.15			
				total			0.26	cum	3538.00	912.80
6	3.12	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 and plinth all complete:								
	3.12.1	Thermo-Mechanically treated bars FE 415								
		120 kg /cum or rcc work					30.96	kg	46.00	1424.16

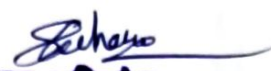
[ P.W.D. Building S.O.R. WITH EFFECT FROM 20TH APRIL 2026 ]								AR. NAVEEN SAHU		
S. N	SOR ITEM	PARTICULAR	NO.	L	W	H/D	QTYS	UNIT	RATE	AMOUNT
7	12.45	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. complete. (Area of slab should be 0.50 sqm and above)								
	12.45.1	Granite stone grey/pink	1	2.50		0.60	1.50			
			2	2.50		0.10	0.50			
			2	0.60		0.50	0.60			
							2.60	sqm	1586.00	4123.60
TOTAL AMOUNT FOR 1 NO OF CHAIR										7046.36
TOTAL AMOUNT FOR 6 NO OF CHAIR										42278.14

CMMO./C.M.O

E.E./S.E

AR NAVEEN SAHU

  
Chief Municipal Officer  
Nagar Panchayat Bodla

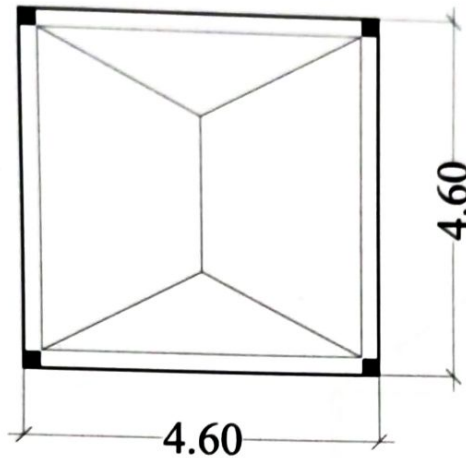
  
उप-अधीक्षक  
नगर पंचायत-बोदला



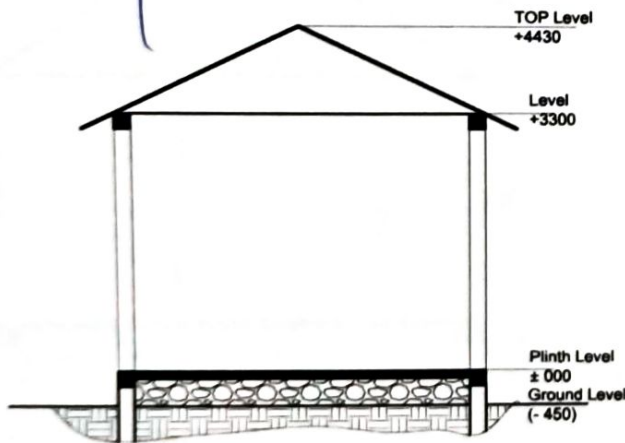


Chief Municipal Officer  
Megar Panchayat Bodla

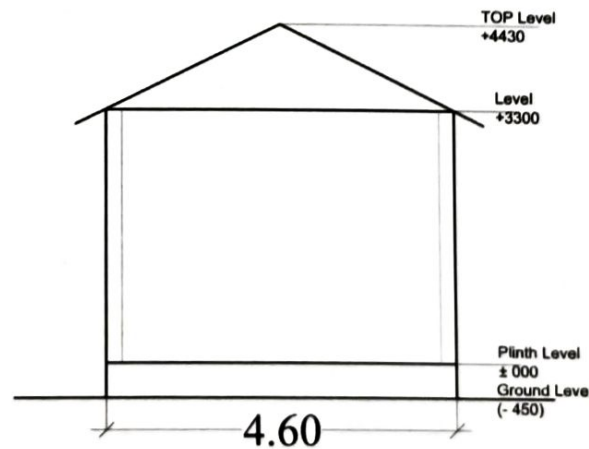
आ-सिवाजी  
गाव व गाव - सिवाजी



GROUND FLOOR PLAN



SECTION



ELEVATION



DWG TYPE : PLANNING

NOTE :

DO NOT SCALE FROM THE DRAWING  
ALL DIMENSIONS ARE IN METER  
PLEASE WORK IN METER

DWG TITLE :

GROUND FLOOR PLAN

PROJECT NAME AND ADDRESS :

MUKTIDHAM SHED  
AT

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumeet Sahu

Date:

REV: 00

ORIENTATION:

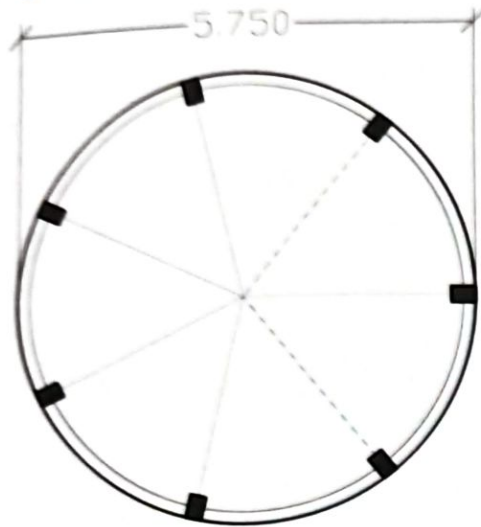
**ARCHITECT NAVEEN SAHU and ASSOCIATES**

Architects Interior Designers Engineers Valuer

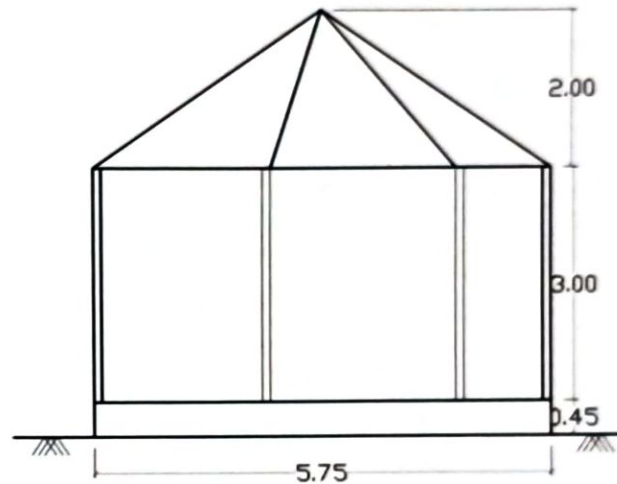
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Office: +91 87188 15279

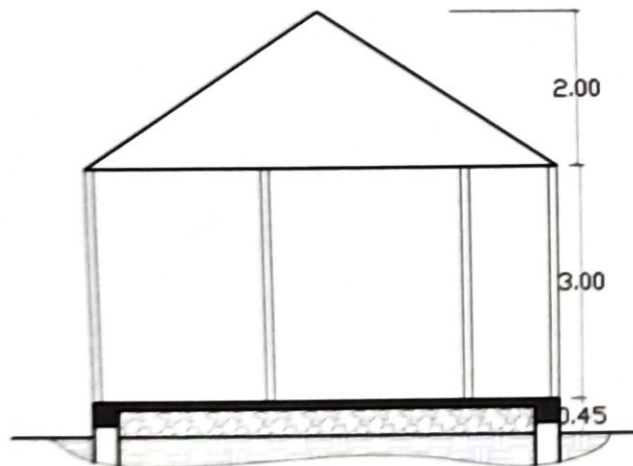
E-mail: ar.naveenks@gmail.com



PLAN

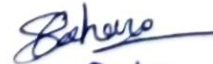


ELEVATION



SECTION

  
Chief Municipal Officer  
Nagar Panchayat Bodla

  
अ-अभिषेक  
नगर पंचायत-बोदला



DWG TYPE : Architectural/Planning

NOTE :

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DWG TITLE :

GARDEN

PROJECT NAME AND ADDRESS :

PARGOLA  
AT

Checked By: Ar. Naveen Sahu

Drawn By : Er. Sumet Sahu

Date:

REV:

ORIENTATION:



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Basantpur Chowk, Rajnandgaon, C.G.