

Detailed Estimate

OD/369/3545/121067/409758/00071915 : Construction of Bhoga Mandap Nahadia Maa Narayani, Chalisbatia GP
Block : Sadar, Gram Panchayat : Chalisbatia
Created By: Prajna Parimita Das

1. Earth Work (AR0101a) : Earthwork in ordinary soil within 50m, initial lead and 1.5m, initial lift								
Earth work in ordinary soil within 50m, initial lead and 1.5m, initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	1.000	4.000	4.000	4.000	0.000	64.000	-
Total Quantity					64 Cft (Cubic Foot)		1.8122752 Cum (Cubic Meter)	
Amount					1.8122752 X 149.3184		270.61	
2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	1.000	4.000	4.000	0.500	0.000	8.000	-
ii	room	1.000	14.000	7.500	1.000	0.000	105.000	-
iii	room	1.000	14.000	7.500	1.000	0.000	105.000	-
Total Quantity					218 Cft (Cubic Foot)		6.1730624 Cum (Cubic Meter)	
Amount					6.1730624 X 723.405632		4465.63	
3. Concrete (AR0303) : Cement concrete (1:3:6) with 4 cm. Crusher Broken hard granite metal								
Cement concrete (1:3:6) with 4 cm. hard granite(Crusher Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	column	1.000	4.000	4.000	0.500	0.000	8.000	-
ii	room	1.000	14.000	7.500	0.330	0.000	34.650	-
iii	room	1.000	14.000	7.500	0.330	0.000	34.650	-
Total Quantity					77.3 Cft (Cubic Foot)		2.1888864 Cum (Cubic Meter)	
Amount					2.1888864 X 6096.71883684		13345.04	

4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips

Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	1.000	4.000	4.000	0.500	0.000	8.000	-
ii		1.000	2.416	2.416	0.750	0.000	4.378	-
iii		1.000	0.833	0.833	1.750	0.000	1.214	-
iv	column	6.000	0.833	0.833	10.000	0.000	41.633	-
v	s/wall	3.000	13.660	0.833	0.660	0.000	22.530	-
vi	l/wall	2.000	17.250	0.833	0.660	0.000	18.967	-
vii	wall beam	3.000	13.660	0.833	0.833	0.000	28.436	-
viii		2.000	17.250	0.833	0.833	0.000	23.939	-
ix	roof	1.000	18.250	14.660	0.416	0.000	111.299	-
x	chajja	1.000	14.000	1.500	0.250	0.000	5.250	-
Total Quantity					265.64629387 Cft (Cubic Foot)		7.522252974258 Cum (Cubic Meter)	
Amount					7.522252974258 X 6321.8466578468		47554.53	

5. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position

Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	rod	6.500	0.000	0.000	0.000	0.000	6.500	-
Total Quantity					6.5 Qntl (Quintal)		6.5 Qntl (Quintal)	
Amount					6.5 X 7962.371865		51755.42	

6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	4.000	4.000	0.000	0.500	0.000	8.000	-
Total Quantity					8 Sft (Square Foot)		0.743224 Sqm (Square Meter)	
Amount					0.743224 X 216.23489289764		160.71	

7. R.C.C. Work (AR0410d) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting

Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. beams, column, grider and bressmer, etc. Data for 4.2sqm

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	24.000	0.833	0.000	10.000	0.000	199.920	-
ii	beam	6.000	14.000	0.000	0.833	0.000	69.972	-
iii		4.000	17.000	0.000	0.833	0.000	56.644	-
Total Quantity					326.536 Sft (Square Foot)		30.336174008 Sqm (Square Meter)	

Amount		30.336174008 X 1047.3822930467					31773.57	
8. R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	lintal	6.000	14.000	0.000	0.660	0.000	55.440	-
ii		4.000	17.000	0.000	0.660	0.000	44.880	-
Total Quantity					100.32 Sft (Square Foot)		9.32002896 Sqm (Square Meter)	
Amount		9.32002896 X 499.15267251462					4652.12	
9. R.C.C. Work (AR0410a) : Centring & Shuttering for R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. floor and roof slabs, landings, balconies, projecting sun shades and chajjas up to 4.3m height								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	roof	1.000	18.250	14.660	0.000	0.000	267.545	-
ii	chajja	1.000	14.000	1.500	0.000	0.000	21.000	-
Total Quantity					288.545 Sft (Square Foot)		26.806696135 Sqm (Square Meter)	
Amount		26.806696135 X 662.689943368					17764.53	
10. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² with dimensional tolerance ±8 percent immersing the bricks in water not less than six hours with cost conveyance, royalty, taxes of all materials, labor, and T&P required for the work, etc. complete and as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i		2.000	14.000	0.833	10.000	0.000	233.240	-	
ii		1.000	14.000	0.833	5.416	0.000	63.161	-	
iii		1.000	7.500	0.833	10.000	0.000	62.475	-	
iv		1.000	1.250	0.833	3.000	0.000	3.124	-	
v	d	1.000	3.000	0.833	7.000	0.000	-	17.493	
vi	w	1.000	3.000	0.833	3.000	0.000	-	7.497	
vii	column	8.000	0.833	0.833	10.000	0.000	-	55.511	
Total Quantity					281.499022 Cft (Cubic Foot)		7.9711515061696 Cum (Cubic Meter)		
Amount					7.9711515061696 X 5080.727301912		40499.25		

11. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)

16mm thick cement Plaster in CM (1:6) over brick work in outside including racking out joints finishing smooth with proper plumb and line, curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc comp.and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction	
i	wall	1.000	15.660	0.000	10.000	0.000	156.600	-	
ii		1.000	15.660	0.000	4.330	0.000	67.808	-	
iii		1.000	9.166	0.000	10.000	0.000	91.660	-	
iv		2.000	1.250	0.000	3.000	0.000	7.500	-	
v		2.000	0.833	0.000	3.000	0.000	4.998	-	
vi	door	1.000	3.000	0.000	7.000	0.000	-	21.000	
vii		1.000	3.000	0.000	4.000	0.000	-	12.000	
Total Quantity					295.5658 Sft (Square Foot)		27.4589495174 Sqm (Square Meter)		
Amount					27.4589495174 X 249.626068028		6854.47		

12. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside

12mm thick cement plaster (1:6) over Brick work in inside including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T & P required for the work etc. comp. and as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	14.000	0.000	10.000	0.000	280.000	-
ii		2.000	7.500	0.000	10.000	0.000	150.000	-
iii		2.000	14.000	0.000	5.500	0.000	154.000	-
Total Quantity					584 Sft (Square Foot)		54.255352 Sqm (Square Meter)	
Amount					54.255352 X 174.4523930968		9464.98	

13. Plastering (AR1027) : 6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces including chipping (Inside)

6mm thick cement Plaster in CM (1:4) over R.C.C. surfaces in inside including chipping with proper level and line, curing for the proper period with cost conveyance, royalty, taxes of all materials, labor, and T & P required for the work, etc comp. and as per the direction of the Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	celing	1.000	14.000	7.500	0.000	0.000	105.000	-
ii		1.000	14.000	7.500	0.000	0.000	105.000	-
iii	chajja	1.000	14.000	1.500	0.000	0.000	21.000	-
Total Quantity					231 Sft (Square Foot)		21.460593 Sqm (Square Meter)	
Amount					21.460593 X 192.1048170112		4122.68	

14. Other Building Items. (AR1901Ba) : Vitrified Tile 600mmx600mm Coloured /Printed

Supplying, fitting & fixing Vitrified Tile 600mmx600mm Coloured /Printed series(Homogeneous) in floors of size 600mm x 600 mm of approved make conforming IS:13755 laid on 20 mm thick cement mortar(1:4)and filling joints with white cement of approved quality including cost of all work all materials, taxes, labor, T&P , etc. complete as per direction of Engineer-in-charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	floor	1.000	14.000	7.500	0.000	0.000	105.000	-
ii		1.000	14.000	7.416	0.000	0.000	103.824	-
Total Quantity					208.824 Sft (Square Foot)		19.400376072 Sqm (Square Meter)	
Amount					19.400376072 X 1061.0446658714		20584.67	

15. Flooring (AR0817ab) : Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3)

Fixing Vitrified tiles of premium grade having thickness 8mm to 10mm confirming to IS 13756 of size 600mmx600mm Coloured /Printed series(Homogeneous) in dados skirting and risers of steps on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the Vitrified tiles including rubbing and polishing complete including cost of precast tiles.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	floor	2.000	14.000	0.000	0.500	0.000	14.000	-
ii		2.000	7.500	0.000	0.500	0.000	7.500	-
iii		2.000	11.000	0.000	0.500	0.000	11.000	-
Total Quantity					32.5 Sft (Square Foot)		3.0193475 Sqm (Square Meter)	
Amount					3.0193475 X 1581.325393363		4774.57	

16. Wood Work (AR1203b) : Supplying, fitting and fixing of 32mm non teak wood panelled shutters moulded panels

Supplying, fitting and fixing of 32mm non sal wood panelled shutters moulded panels with all labour, iron fittings, and wooden hinged cleats, etc. fitted and fixed complete in all respect. including cost of materials, labour, conveyance, taxes of all materials, T&P, etc . complete and as per direction of Engineer in charge

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Door	1.000	3.000	0.000	7.000	0.000	21.000	-
ii	w	1.000	3.000	0.000	4.000	0.000	12.000	-
Total Quantity					33 Sft (Square Foot)		3.065799 Sqm (Square Meter)	

Amount					3.065799 X 5022.4633192562		15397.86	
17. Painting (AR0901d) : Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces (Inner surface)								
Priming one coat with inner surface primer of approved quality water-bound primer over plastering surfaces including cost conveyance, taxes of all materials, labor and T&P required for the work complete as per direction of the Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	15.660	0.000	10.000	0.000	156.600	-
ii		1.000	15.660	0.000	4.330	0.000	67.808	-
iii		2.000	9.166	0.000	10.000	0.000	183.320	-
iv		2.000	1.250	0.000	3.000	0.000	7.500	-
v		2.000	0.833	0.000	3.000	0.000	4.998	-
vi	in side	2.000	14.000	0.000	10.000	0.000	280.000	-
vii		2.000	7.500	0.000	10.000	0.000	150.000	-
viii		2.000	14.000	0.000	5.500	0.000	154.000	-
ix	celing	1.000	14.000	0.000	7.500	0.000	105.000	-
x		1.000	14.000	0.000	7.500	0.000	105.000	-
xi	d	1.000	3.000	0.000	7.000	0.000	-	21.000
xii	w	1.000	3.000	0.000	4.000	0.000	-	12.000
Total Quantity					1181.2258 Sft (Square Foot)		109.7394204974 Sqm (Square Meter)	
Amount					109.7394204974 X 71.84156805791		7883.85	
18. Painting (AR0922) : Finishing wall two coats with distemper of approved shades on new work (Inside)								
Finishing wall two coats with distemper of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	l/wall	2.000	14.000	0.000	10.000	0.000	280.000	-
ii		2.000	7.500	0.000	10.000	0.000	150.000	-
iii		2.000	14.000	0.000	5.500	0.000	154.000	-
iv	celing	1.000	14.000	0.000	7.500	0.000	105.000	-
v		1.000	14.000	0.000	7.500	0.000	105.000	-
Total Quantity					794 Sft (Square Foot)		73.764982 Sqm (Square Meter)	
Amount					73.764982 X 78.8625372		5817.29	
19. Painting (AR0918Ai) : Finishing wall one coat with weather coat								
Finishing wall one coat with weather coat including all costs of labour, Paint, Primer and Brushes required for the work etc. complete and as per direction of Engineer-in-charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	15.660	0.000	10.000	0.000	156.600	-
ii		1.000	15.660	0.000	4.330	0.000	67.808	-
iii		1.000	9.166	0.000	10.000	0.000	91.660	-
iv		2.000	1.250	0.000	3.000	0.000	7.500	-
v		2.000	0.833	0.000	3.000	0.000	4.998	-
Total Quantity					328.5658 Sft (Square Foot)		30.5247485174 Sqm (Square Meter)	
Amount					30.5247485174 X 57.09920466		1742.94	
Total Amount							288884.71	
Addition								
Provision for survey investigation and quality control (+) @								
Display Citizen Board (+) @							5000.00	

Provision for Contingency (+) @	100.00
Provision for EI Work (+) @	900.00
Provision for PH Work (+) @	
Any Other Lumpsum (+) @	5114.00
Total Addition	11114.00
Grand Net Total Amount	299998.71

Prajna Parimita Das
JE
Sadar Block

Buddhadev Rath
AEE
Sadar Block

SAMBEET SATAPATHY
BDO
Sadar Block