

Detailed Estimate

OD/346/3304/116229/393550/00063509 : Const of CRC near Gandibed Shani Mandira , Gandibed GP SSPur
Block : Khaira, Gram Panchayat : Shyamsundarpur
Created By:Gopal Jena

1. Pile Foundation (AR1501bc) : Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips								
Single under reamed pile foundation 300 mm dia and 4.0 metre long with RCC M-20 using 12mm size black hard granite (Crusher broken) stone chips including cost of boring but excluding cost of M.S./Tor steel and labour charges for cutting, bending and binding of steel including cost, convenience, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (300mm dia and 4.0 meter long)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	RCC Piles	10.000	0.000	0.000	0.000	0.000	10.000	-
Total Quantity					10 Nos (Number)		10 Nos (Number)	
Amount					10 X 4247.5444455		42475.44	
2. 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)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cap	4.000	3.000	3.000	1.000	0.000	36.000	-
ii	GB LW	2.000	8.000	0.830	1.000	0.000	13.280	-
iii	SW	2.000	10.750	0.830	1.000	0.000	17.845	-
iv	Column	4.000	0.830	0.830	8.670	0.000	23.891	-
v	Lintel	2.000	12.000	0.830	0.500	0.000	9.960	-
vi	sw	2.000	13.080	0.830	0.500	0.000	10.856	-
vii	Beam	2.000	12.000	0.830	0.830	0.000	16.534	-
viii	sw	2.000	16.080	0.830	0.830	0.000	22.155	-

ix	Roof slab	1.000	13.000	18.250	0.416	0.000	98.696	-
Total Quantity					249.217076 Cft (Cubic Foot)		7.0570300976768 Cum (Cubic Meter)	
Amount					7.0570300976768 X 6864.0168407598		48439.57	
3. 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	GB LW	2.000	12.000	0.000	1.000	0.000	24.000	-
ii	SW	2.000	14.750	0.000	1.000	0.000	29.500	-
iii	INSIDE	2.000	10.340	0.000	1.000	0.000	20.680	-
iv	SW	2.000	13.090	0.000	1.000	0.000	26.180	-
v	CAP	4.000	3.000	4.000	1.000	0.000	-	48.000
Total Quantity					52.36 Sft (Square Foot)		4.86440108 Sqm (Square Meter)	
Amount					4.86440108 X 216.23489289764		1051.85	
4. 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	4.000	0.830	2.000	8.670	0.000	57.569	-
ii	Wall Bm	2.000	12.000	2.000	0.830	0.000	39.840	-
iii	sw	2.000	13.080	2.000	0.830	0.000	43.426	-
iv	Beam	2.000	3.000	2.000	0.830	0.000	9.960	-

Total Quantity	150.7944 Sft (Square Foot)	14.0092521432 Sqm (Square Meter)
Amount	14.0092521432 X 1047.3822930467	14673.04

5. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	12.000	2.000	0.500	0.000	24.000	-
ii	SW	2.000	13.080	2.000	0.500	0.000	26.160	-
iii	D	1.000	4.000	0.830	0.000	0.000	3.320	-
Total Quantity					53.48 Sft (Square Foot)		4.96845244 Sqm (Square Meter)	
Amount					4.96845244 X 499.15267251462		2480.02	

6. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Roof	1.000	10.330	13.080	0.000	0.000	135.116	-
ii	Outside	1.000	13.000	3.000	0.000	0.000	39.000	-
iii	Cornice	1.000	43.500	0.920	0.000	0.000	40.020	-
Total Quantity					214.1364 Sft (Square Foot)		19.8939139692 Sqm (Square Meter)	
Amount					19.8939139692 X 662.689943368		13183.50	

7. 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		734.190	0.000	0.000	0.000	0.000	734.190	-
Total Quantity					734.19 Kg (Kilo Gram)		7.3419 Qntl (Quintal)	
Amount					7.3419 X 8926.088312		65534.45	

8. 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/cm² 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	10.340	0.830	8.690	0.000	149.159	-
ii		2.000	13.090	0.830	8.690	0.000	188.828	-
iii		1.000	4.000	0.830	7.000	0.000	-	23.240
Total Quantity					314.747122 Cft (Cubic Foot)		8.9126313042496 Cum (Cubic Meter)	
Amount					8.9126313042496 X 5497.994148832		49001.59	

9. 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		1.000	10.340	13.090	1.000	0.000	135.351	-
Total Quantity					135.3506 Cft (Cubic Foot)		3.83269587008 Cum (Cubic Meter)	
Amount					3.83269587008 X 1190.187232		4561.63	

10. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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		1.000	10.340	13.090	0.330	0.000	44.666	-
Total Quantity					44.665698 Cft (Cubic Foot)		1.2647896371264 Cum (Cubic Meter)	
Amount					1.2647896371264 X 6581.48721374		8324.20	

11. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	10.340	0.000	11.000	0.000	227.480	-
ii	SW	2.000	13.090	0.000	11.000	0.000	287.980	-
iii		0.500	4.000	0.000	7.000	0.000	-	14.000
Total Quantity					501.46 Sft (Square Foot)		46.58713838 Sqm (Square Meter)	
Amount					46.58713838 X 258.394446658		12037.86	

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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	12.000	0.000	11.000	0.000	264.000	-
ii	SW	2.000	14.750	0.000	11.000	0.000	324.500	-

iii		0.500	4.000	0.000	7.000	0.000	-	14.000
Total Quantity					574.5 Sft (Square Foot)		53.3727735 Sqm (Square Meter)	
Amount					53.3727735 X 181.7616861348		9701.13	
13. Other Building Items. (AR1901B) : Vitrified Tile 600mmx600mm Plain Ivory								
Supplying, fitting & fixing Vitrified Tile 600mmx600mm Plain Ivory 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 materials, taxes, labour, T&P , etc. required for the work all complete as per direction of Engineer-in-charge(for new work only)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Room	1.000	10.340	13.090	0.000	0.000	135.351	-
Total Quantity					135.3506 Sft (Square Foot)		12.5744767918 Sqm (Square Meter)	
Amount					12.5744767918 X 1019.1228217074		12814.94	
14. Flooring (AR0817b) : Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753)								
Fixing ceramic tiles (20cmx30cm / 20cmx20cm special plain/printed series ceramic wall tiles of premium grade having thickness 6.5mm to 6.7mm confirming to IS 13753) in wall cladding on 12mm thick cement plaster (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the ceramic tiles including rubbing and polishing, cost of precast tiles complete as per direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	LW	2.000	10.340	0.000	3.000	0.000	62.040	-
ii	SW	2.000	13.090	0.000	3.000	0.000	78.540	-
iii		1.000	4.000	0.000	3.000	0.000	-	12.000
Total Quantity					128.58 Sft (Square Foot)		11.94546774 Sqm (Square Meter)	
Amount					11.94546774 X 883.547539036		10554.39	
15. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Front	1.000	13.000	3.000	0.000	0.000	39.000	-
ii	Cornice	2.000	13.000	0.920	0.000	0.000	23.920	-
iii		2.000	18.250	0.920	0.000	0.000	33.580	-
Total Quantity					96.5 Sft (Square Foot)		8.9651395 Sqm (Square Meter)	
Amount					8.9651395 X 194.4214835032		1743.02	
Total Amount							296576.62	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2965.77	
Display Citizen Board (+) @							457.61	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							3423.38	
Grand Net Total Amount							299999.99	

Gopal Jena
JE
Khaira Block

Bibhuti Bhusan Nayak
AEE
Khaira Block

Narayan Sahu
BDO
Khaira Block