

Detailed Estimate

OD/346/3298/116061/393897/00107290 : Const of boundrywall around Maladapada AWC

Block : Bahanaga, Gram Panchayat : Ranapana

Created By:HAREKRUSHNA MARNDI

SI No	Description	No	L	B	D	CF	Quantity	Deduction
1. 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)								
i	GB	1.000	158.000	0.830	0.830	0.000	108.846	-
ii	cape	30.000	2.000	0.580	0.830	0.000	28.884	-
iii	column	7.000	0.830	0.830	5.000	0.000	24.112	-
iv	do	8.000	0.830	0.830	6.500	0.000	35.823	-
Total Quantity						197.6645 Cft (Cubic Foot)	5.5972261136 Cum (Cubic Meter)	
Amount						5.5972261136 X 6257.9154519502	35026.97	
2. 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	2.000	158.000	0.000	0.830	0.000	262.280	-
ii	cape	60.000	0.580	0.000	0.830	0.000	28.884	-
Total Quantity						291.164 Sft (Square Foot)	27.050009092 Sqm (Square Meter)	
Amount						27.050009092 X 216.23489289764	5849.16	
3. 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	28.000	0.830	0.000	5.000	0.000	116.200	-
ii	do	32.000	0.830	0.000	6.500	0.000	172.640	-
Total Quantity					288.84 Sft (Square Foot)		26.83410252 Sqm (Square Meter)	
Amount					26.83410252 X 1047.3822930467		28105.56	

4. 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	TMT Bar	7.500	0.000	0.000	0.000	0.000	7.500	-
Total Quantity					7.5 Qntl (Quintal)		7.5 Qntl (Quintal)	
Amount					7.5 X 8632.0992593		64740.74	

5. 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	B/W	1.000	66.000	0.830	5.000	0.000	273.900	-
ii	do	1.000	66.000	0.420	0.500	0.000	13.860	-
iii	do	1.000	92.000	0.830	7.000	0.000	534.520	-
iv	do	1.000	92.000	0.420	0.500	0.000	19.320	-
v	column	7.000	0.830	0.830	5.000	0.000	-	24.112
vi	do	8.000	0.830	0.830	6.500	0.000	-	35.823

Total Quantity	781.6657 Cft (Cubic Foot)	22.13427129376 Cum (Cubic Meter)
Amount	22.13427129376 X 5465.808997568	120981.70

6. 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	B/W	1.000	66.000	0.000	6.330	0.000	417.780	-
ii	do	1.000	92.000	0.000	7.830	0.000	720.360	-
Total Quantity					1138.14 Sft (Square Foot)		105.73662042 Sqm (Square Meter)	
Amount					105.73662042 X 253.642637442		26819.32	

7. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.

12mm thick cement plaster (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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	do	1.000	66.000	0.000	6.330	0.000	417.780	-
ii	do	1.000	92.000	0.000	7.830	0.000	720.360	-
Total Quantity					1138.14 Sft (Square Foot)		105.73662042 Sqm (Square Meter)	
Amount					105.73662042 X 177.8008853252		18800.06	

8. Painting (AR0901c) : Priming one coat with inner surface primer of approved quality oil-bound primer over plastering surfaces (Inner surface)

Priming one coat with inner surface primer of approved quality oil-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	B/W	2.000	66.000	0.000	6.330	0.000	835.560	-

ii	do	2.000	92.000	0.000	7.830	0.000	1440.720	-
Total Quantity					2276.28 Sft (Square Foot)		211.47324084 Sqm (Square Meter)	
Amount					211.47324084 X 68.98780412951		14589.07	

9. 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	B/W	2.000	66.000	0.000	6.330	0.000	835.560	-
ii	do	2.000	92.000	0.000	7.830	0.000	1440.720	-
Total Quantity					2276.28 Sft (Square Foot)		211.47324084 Sqm (Square Meter)	
Amount					211.47324084 X 57.0910986525		12073.24	

10. Pile Foundation (AR1501ca) : Single under reamed pile foundation 250 mm dia and 3.0 metre long with RCC M20 using 12mm size black hard granite (Crusher broken) stone chips

Single under reamed pile foundation 250 mm dia and 3.0 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. (250mm dia and 3.0 meter long)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	pile	23.000	0.000	0.000	0.000	0.000	23.000	-
Total Quantity					23 Nos (Number)		23 Nos (Number)	
Amount					23 X 2406.13061237		55341.00	

Total Amount (A) : 382326.83

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ 2%	-	7646.5365865232

2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.5026.49	site clearance & demarcation etc	5026.49
Additional Components Amount (F) : 17673.026586523			
Grand Total Amount (A + F) : 399999.85591269			

HAREKRUSHNA MARNDI
JE
Bahanaga Block

Bibhuti Bhusan Nayak
AEE
Bahanaga Block

Subhashree Tudu
BDO
Bahanaga Block