

Detailed Estimate

OD/346/3305/116235/393305/00065819 : Natya mandap of Parasipal Thakurani mandap, Parasipal chhatrapur
Block : Nilgiri, Gram Panchayat : Chatrapur
Created By:BAIDYANATH SINGH

1. Pile Foundation (AR1501ci) : For each additional / less depth of 0.5 meter beyond initial depth of 6 meter add / deduct to / from the rate in single under-reamed (250mm dia) pile using 12mm size (crusher broken) chips in RCC M20.								
For each additional / less depth of 0.5 meter beyond initial depth of 6 meter add / deduct to / from the rate in single under-reamed (250mm dia) pile using 12mm size (crusher broken) chips in RCC M-20.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	1.000	1.000	0.000	0.000	4.000	-
Total Quantity					4 Nos (Number)		4 Nos (Number)	
Amount					4 X 296.03860833		1184.15	
2. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil foundation & plinth 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 the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	3.000	3.000	1.000	0.000	36.000	-
Total Quantity					36 Cft (Cubic Foot)		1.0194048 Cum (Cubic Meter)	
Amount					1.0194048 X 240.77592		245.45	
3. 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		4.000	3.000	3.000	0.330	0.000	11.880	-
ii		1.000	26.660	1.000	0.330	0.000	8.798	-

iii		1.000	7.000	6.330	2.340	0.000	103.685	-
Total Quantity					124.3632 Cft (Cubic Foot)		3.52156786176 Cum (Cubic Meter)	
Amount					3.52156786176 X 1184.531232		4171.41	
4. 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		4.000	3.000	3.000	0.330	0.000	11.880	-
ii		1.000	26.660	1.000	0.330	0.000	8.798	-
iii		1.000	7.000	6.330	0.330	0.000	14.622	-
Total Quantity					35.3001 Cft (Cubic Foot)		0.99958587168 Cum (Cubic Meter)	
Amount					0.99958587168 X 6312.0643062		6309.45	
5. Masonry Brick Work (AR0603b) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in foundation and plinth 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		1.000	26.660	0.830	3.500	0.000	77.447	-
ii		4.000	0.830	0.830	3.500	0.000	-	9.645
Total Quantity					67.8027 Cft (Cubic Foot)		1.91995549536 Cum (Cubic Meter)	
Amount					1.91995549536 X 5457.34238896		10477.85	

6. R.C.C. Work (AR0404Aa) : 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc.)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	3.000	3.000	0.660	0.000	23.760	-
ii		2.000	8.660	0.830	0.830	0.000	11.932	-
iii		2.000	6.330	0.830	0.830	0.000	8.721	-
iv		4.000	0.830	0.830	8.000	0.000	22.045	-
v		2.000	8.660	0.830	0.500	0.000	7.188	-
vi		2.000	6.330	0.830	0.500	0.000	5.254	-
vii		2.000	8.660	0.830	0.500	0.000	7.188	-
viii		2.000	6.330	0.830	0.500	0.000	5.254	-
ix		1.000	9.660	11.000	0.330	0.000	35.066	-
Total Quantity					126.407222 Cft (Cubic Foot)		3.5794480239296 Cum (Cubic Meter)	
Amount					3.5794480239296 X 6795.4940184405		24324.12	

7. 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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	4.000	0.830	0.660	0.000	8.765	-
ii		2.000	2.000	8.660	0.830	0.000	28.751	-

iii		2.000	2.000	6.330	0.830	0.000	21.016	-
Total Quantity					58.5316 Sft (Square Foot)		5.4377612348 Sqm (Square Meter)	
Amount					5.4377612348 X 216.23489289764		1175.83	
8. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		4.000	4.000	0.830	8.000	0.000	106.240	-
ii		2.000	2.000	8.660	0.500	0.000	17.320	-
iii		2.000	2.000	6.330	0.500	0.000	12.660	-
Total Quantity					136.22 Sft (Square Foot)		12.65524666 Sqm (Square Meter)	
Amount					12.65524666 X 1047.3822930467		13254.88	
9. 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		2.000	2.000	8.660	0.500	0.000	17.320	-
ii		2.000	2.000	6.330	0.500	0.000	12.660	-
Total Quantity					29.98 Sft (Square Foot)		2.78523194 Sqm (Square Meter)	
Amount					2.78523194 X 499.15267251462		1390.26	
10. 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		1.000	9.660	11.000	0.000	0.000	106.260	-
Total Quantity					106.26 Sft (Square Foot)		9.87187278 Sqm (Square Meter)	
Amount					9.87187278 X 662.689943368		6541.99	

11. 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		3.500	1.000	1.000	0.000	0.000	3.500	-
Total Quantity					3.5 Qntl (Quintal)		3.5 Qntl (Quintal)	
Amount					3.5 X 8440.5169649		29541.81	
Total Amount							98617.20	

Addition

Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1020.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							1281.00	
Provision for survey investigation and quality control (+) @								
Total Addition							3301.00	

Grand Net Total Amount

101918.20

**BAIDYANATH SINGH
JE
Nilgiri Block**

**Sarat kumar Upadhyay
AEE
Nilgiri Block**

**Bikram Kishore Parida
BDO
Nilgiri Block**