

Detailed Estimate

OD/356/3396/118304/401951/00069241 : CONST OF JAY HANUMAN CC ARGALCUT

Block : Binjharpur, Gram Panchayat : Bangara

Created By:Nirod Kumar Sethy

1. 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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Col	4.000	4.000	4.000	4.000	0.000	256.000	-
ii	Wall	4.000	11.500	1.500	1.000	0.000	69.000	-
Total Quantity					325 Cft (Cubic Foot)		9.20296 Cum (Cubic Meter)	
Amount					9.20296 X 240.77592		2215.85	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Col	4.000	4.000	4.000	0.500	0.000	32.000	-
ii	Col upto GL	4.000	4.000	4.000	2.160	0.000	138.240	-
iii	Wall	4.000	11.500	1.600	0.330	0.000	24.288	-
iv	Inside Room	1.000	14.250	14.250	3.330	0.000	676.198	-
v	Col Upto GL	4.000	0.830	0.830	2.170	0.000	-	5.980
Total Quantity					864.746473 Cft (Cubic Foot)		24.486852926646 Cum (Cubic Meter)	
Amount					24.486852926646 X 787.298232		19278.46	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Col	4.000	4.000	4.000	0.500	0.000	32.000	-
ii	Wall	4.000	11.500	1.500	0.250	0.000	17.250	-
iii	Inside Room	1.000	14.250	14.250	0.330	0.000	67.011	-
Total Quantity					116.260625 Cft (Cubic Foot)		3.292128866 Cum (Cubic Meter)	
Amount					3.292128866 X 6750.15887216		22222.39	

4. R.C.C. Work (AR0404B) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips.(Nominal mix as per IS-456, Table-9).

R.C.C. work of M-20 grade with 20mm & downgrade 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(Nominal mix as per IS-456, Table-9).

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Col	4.000	4.000	4.000	0.830	0.000	53.120	-
ii	Col upto Plinth	4.000	0.830	0.830	4.830	0.000	13.310	-
iii	Plinth	2.000	16.330	0.830	0.830	0.000	22.500	-
iv		2.000	14.670	0.830	0.830	0.000	20.212	-
v	Col Pl to Roof	4.000	0.830	0.830	14.160	0.000	39.019	-
vi	Beam	2.000	16.330	0.830	0.830	0.000	22.500	-
vii		2.000	14.670	0.830	0.830	0.000	20.212	-
viii	Slab	1.000	17.330	17.330	0.330	0.000	99.109	-

Total Quantity		289.980981 Cft (Cubic Foot)		8.2113334427808 Cum (Cubic Meter)				
Amount		8.2113334427808 X 6924.8651940432		56862.38				
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		1.000	8.500	0.000	0.000	0.000	8.500	-
Total Quantity		8.5 Qntl (Quintal)		8.5 Qntl (Quintal)				
Amount		8.5 X 8436.1725105		71707.47				
6. 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	Wall	2.000	14.670	1.250	4.080	0.000	149.634	-
ii		2.000	13.830	1.250	4.080	0.000	141.066	-
iii	Deduct	2.000	14.670	0.830	0.830	0.000	-	20.212
iv		2.000	13.830	0.830	0.830	0.000	-	19.055
Total Quantity		251.4327 Cft (Cubic Foot)		7.11976947936 Cum (Cubic Meter)				
Amount		7.11976947936 X 5555.175425688		39551.57				
7. Plastering (AR1006i) : 12mm thick cement plaster (1:4) over brickwork in outside								

12mm thick cement plaster (1:4) over brickwork in outside with cement punning for skirting/wall punning including racking out joints finishing smooth with proper plumb and line curing for proper period with cost conveyance, royalty, taxes of all materials, labor, 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	F & P Punning	2.000	33.500	3.670	0.000	0.000	245.890	-
Total Quantity					245.89 Sft (Square Foot)		22.84391867 Sqm (Square Meter)	
Amount					22.84391867 X 199.1232874576		4548.76	

8. Flooring (AR0802ii) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG Hand broken chips including punning incl. cost, conveyance & royalty of materials as per direction of Engineer-in-charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	15.000	15.000	0.000	0.000	225.000	-
Total Quantity					225 Sft (Square Foot)		20.903175 Sqm (Square Meter)	
Amount					20.903175 X 380.8164623432		7960.27	

9. 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	Col	4.000	19.160	0.830	4.000	0.000	254.445	-
ii	Beam	2.000	16.330	0.830	3.000	0.000	81.323	-
iii		2.000	14.670	0.830	3.000	0.000	73.057	-
Total Quantity					408.8248 Sft (Square Foot)		37.9810503944 Sqm (Square Meter)	
Amount					37.9810503944 X 1047.3822930467		39780.68	

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	Slab	1.000	17.330	17.330	0.000	0.000	300.329	-
Total Quantity					300.3289 Sft (Square Foot)		27.9014557967 Sqm (Square Meter)	
Amount					27.9014557967 X 662.689943368		18490.01	
Total Amount							282617.84	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @							11555.98	
Provision for Contingency (+) @							2826.18	
Display Citizen Board (+) @							3000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							17382.16	
Grand Net Total Amount							299999.99	

Nirod Kumar Sethy
JE
Binjharpur Block

ANANTA CH SETHY
AEE
Binjharpur Block

Hitansu Sekhar Samal
BDO
Binjharpur Block