

Detailed Estimate

OD/369/3545/121066/409802/00070151 : Construction of Jagulai Community Centre, Birapratappur GP
Block : Sadar, Gram Panchayat : Birapratappur
Created By:Lipi mohapatra

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	column	8.000	1.200	1.200	1.200	0.000	13.824	-
Total Quantity					13.824 cum (cum)		13.824 Cum (Cubic Meter)	
Amount					13.824 X 240.77592		3328.49	
2. 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	column	8.000	1.200	1.200	0.150	0.000	1.728	-
Total Quantity					1.728 cum (cum)		1.728 Cum (Cubic Meter)	
Amount					1.728 X 5979.09177244		10331.87	
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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	8.000	1.250	1.000	4.500	0.000	45.000	-
ii	beam	2.000	11.100	1.000	1.000	0.000	22.200	-

iii	beam	4.000	7.200	1.000	1.000	0.000	28.800	-
Total Quantity					96 Sqm (Sqm)		96 Sqm (Square Meter)	
Amount					96 X 1047.3822930467		100548.70	
4. 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	7.200	11.100	0.000	0.000	79.920	-
Total Quantity					79.92 Sqm (Sqm)		79.92 Sqm (Square Meter)	
Amount					79.92 X 662.689943368		52962.18	
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	18.200	1.000	1.000	1.000	1.000	18.200	-
Total Quantity					18.2 Qntl (Quintal)		18.2 Qntl (Quintal)	
Amount					18.2 X 7957.328127		144823.37	
6. 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	column	8.000	1.200	1.200	0.300	0.000	3.456	-

ii	column	8.000	0.790	0.730	0.300	0.000	1.384	-
iii	column	8.000	0.375	0.250	4.500	0.000	3.375	-
iv	beam	2.000	11.100	0.250	0.375	0.000	2.081	-
v	beam	4.000	7.200	0.250	0.375	0.000	2.700	-
vi	slab	1.000	7.200	11.100	0.130	0.000	10.390	-
Total Quantity					23.38593 cum (cum)		23.38593 Cum (Cubic Meter)	
Amount					23.38593 X 6205.1997228988		145114.37	
Total Amount							457108.98	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							4686.00	
Display Citizen Board (+) @							3700.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							8386.00	
Grand Net Total Amount							465494.98	

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