

Detailed Estimate

OD/363/3479/275157/429970/00063429 : Renovation of Kitchen shed at Podapalma Primary School
Block : Semiliguda, Gram Panchayat : R Ajpalma
Created By: BISMITANAYAK

1. Masonry Stone Work (AR0703) : Random rubble H.G. stone of masonry.								
Random rubble H.G. stone of size not less than 0.0025 cum stacked masonry in cement mortar (1:6) in foundation and plinth including watering, curing for seven days 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	Wall	4.000	3.450	0.600	0.350	0.000	2.898	-
ii	column	4.000	1.200	1.200	0.600	0.000	-	3.456
iii	wall	4.000	3.450	0.450	0.250	0.000	1.553	-
Total Quantity					0.9945 cum (cum)		0.9945 Cum (Cubic Meter)	
Amount					0.9945 X 4103.2984544912		4080.73	
2. 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	Footing	4.000	1.200	1.200	0.200	0.000	1.152	-
ii	Column	4.000	0.230	0.230	4.000	0.000	0.846	-
Total Quantity					1.9984 cum (cum)		1.9984 Cum (Cubic Meter)	
Amount					1.9984 X 5837.1816533217		11665.02	
3. R.C.C. Work (AR0404Ab) : 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 Plinth band)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Plinth	1.000	13.800	0.230	0.200	0.000	0.635	-
ii	Column	4.000	0.230	0.230	0.200	0.000	-	0.042
Total Quantity					0.59248 cum (cum)		0.59248 Cum (Cubic Meter)	
Amount					0.59248 X 6594.5558996498		3907.14	

4. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Beam	1.000	14.500	0.230	0.200	0.000	0.667	-
Total Quantity					0.667 cum (cum)		0.667 Cum (Cubic Meter)	
Amount					0.667 X 13896.871173777		9269.21	

5. R.C.C. Work (AR0404Ag) : 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 Roof slab, landing, balcony, sun shade)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Slab	1.000	3.500	3.450	0.100	0.000	1.208	-
Total Quantity					1.2075 cum (cum)		1.2075 Cum (Cubic Meter)	
Amount					1.2075 X 12144.924008739		14665.00	

6. 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	hYSD BAR	1.000	4.300	0.000	0.000	0.000	4.300	-
Total Quantity					4.3 Qntl (Quintal)		4.3 Qntl (Quintal)	
Amount					4.3 X 9015.0404967		38764.67	

7. 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	Column	4.000	1.200	1.200	1.200	0.000	6.912	-
ii	Wall	4.000	3.650	0.600	0.600	0.000	5.256	-
iii	Column	4.000	1.200	1.200	1.200	0.000	-	6.912
Total Quantity					5.256 cum (cum)		5.256 Cum (Cubic Meter)	
Amount					5.256 X 240.77592		1265.52	

8. 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	Column	4.000	1.200	1.200	0.100	0.000	0.576	-
ii	Wall	4.000	3.650	3.650	0.100	0.000	5.329	-
iii	Room	1.000	3.200	3.200	0.300	0.000	3.072	-

iv	Column	4.000	1.200	1.200	0.100	0.000	-	0.576
Total Quantity					8.401 cum (cum)		8.401 Cum (Cubic Meter)	
Amount					8.401 X 585.298232		4917.09	
9. 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	Column	4.000	1.200	1.200	0.100	0.000	0.576	-
ii	Wall	4.000	3.650	0.600	0.100	0.000	0.876	-
iii	Room	1.000	3.200	3.200	0.100	0.000	1.024	-
iv	column	4.000	1.200	1.200	0.100	0.000	-	0.576
Total Quantity					1.9 cum (cum)		1.9 Cum (Cubic Meter)	
Amount					1.9 X 5391.38812848		10243.64	
Total Amount							98778.03	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							220.00	
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @							0.00	
Total Addition							1220.00	
Grand Net Total Amount							99998.03	

BISMITANAYAK
JE
Semiliguda Block

ER TOPHAN KUMAR NAYAK
AEE
Semiliguda Block

JASHMIN KUMAR PRADHAN
BDO
Semiliguda Block