

Detailed Estimate

OD/367/3529/120715/406551/00076133 : Development of Rural Haat at Kural

Block : Odagaon, Gram Panchayat : Kurala

Created By:Subodh Majhi

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	22.000	1.200	1.200	1.200	0.000	38.016	-
ii	lw	2.000	51.100	0.600	0.600	0.000	36.792	-
iii	sw	11.000	3.650	0.600	0.600	0.000	14.454	-
iv	deduction column	22.000	1.200	0.600	0.600	0.000	-	9.504
v	cutoff	2.000	16.000	0.250	0.150	0.000	1.200	-
vi	cc road	1.000	16.000	3.650	0.150	0.000	8.760	-
Total Quantity					89.718 cum (cum)		89.718 Cum (Cubic Meter)	
Amount					89.718 X 240.77592		21601.93	
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	column	22.000	1.200	1.200	0.150	0.000	4.752	-
ii	lw	2.000	51.100	0.600	0.100	0.000	6.132	-
iii	sw	11.000	3.650	0.600	0.100	0.000	2.409	-

iv	deduction column	22.000	1.200	0.600	0.100	0.000	-	1.584
v	inside	10.000	4.000	4.000	0.300	0.000	48.000	-
vi	cc road	1.000	16.000	3.650	0.100	0.000	5.840	-
Total Quantity					65.549 cum (cum)		65.549 Cum (Cubic Meter)	
Amount					65.549 X 701.882532		46007.70	

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	column	22.000	1.200	1.200	0.150	0.000	4.752	-
ii	lw	2.000	51.100	0.600	0.100	0.000	6.132	-
iii	sw	11.000	3.650	0.600	0.100	0.000	2.409	-
iv	deduction column	22.000	1.200	0.600	0.100	0.000	-	1.584
v	flooring	10.000	4.000	4.000	0.100	0.000	16.000	-
vi	cutoff	2.000	16.000	0.250	0.150	0.000	1.200	-
vii	cc road	1.000	16.000	3.650	0.100	0.000	5.840	-
Total Quantity					34.749 cum (cum)		34.749 Cum (Cubic Meter)	
Amount					34.749 X 5503.62865078		191245.59	

4. R.C.C. Work (AR0404Ba) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC foundation, footing bases of column, mass concrete, pre-cast slabs etc)(Nominal mix as per IS-456, Table-9).

Reinforced cement concrete 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. (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)(Nominal mix as per IS-456, Table-9).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	column base	22.000	1.200	1.200	0.250	0.000	7.920	-
ii	column pedestal	22.000	0.450	0.450	0.300	0.000	1.337	-
iii	column upto plinth	22.000	0.250	0.250	0.850	0.000	1.169	-
Total Quantity					10.42525 cum (cum)		10.42525 Cum (Cubic Meter)	
Amount					10.42525 X 6079.7222499071		63382.62	

5. R.C.C. Work (AR0404Bc) : Reinforced cement concrete work of M-20 grade with 20mm & downgrade size black hard crusher broken granite chips(RCC Beams, Column, Girder & Bresher etc)(Nominal mix as per IS-456, Table-9).

Reinforced cement concrete 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. (including centring and shuttering) complete and as per direction of Engineer-in charge (RCC Beams, Column, Girder & Bressmer etc)(Nominal mix as per IS-456, Table-9).

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	lw	2.000	50.750	0.250	0.250	0.000	6.344	-
ii	sw	11.000	4.000	0.250	0.250	0.000	2.750	-
Total Quantity					9.09375 cum (cum)		9.09375 Cum (Cubic Meter)	
Amount					9.09375 X 14135.475637227		128544.48	

6. Masonry Brick Work (AR0603c) : Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth

Brickwork with Flyash Bricks of size (23cm x 11cm x 8cm) in cement mortar (1:6) in foundation and plinth 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	wall 1st footing	2.000	50.750	0.375	0.200	0.000	7.613	-
ii	wall 2nd footing	2.000	50.750	0.250	0.700	0.000	17.763	-

iii	wall 1st footing	11.000	4.000	0.375	0.200	0.000	3.300	-	
iv	wall 2nd footing	11.000	4.000	0.250	0.700	0.000	7.700	-	
v	deduction column	22.000	0.250	0.250	0.200	0.000	-	0.275	
vi	deduction column	22.000	0.250	0.250	0.700	0.000	-	0.963	
Total Quantity					35.1375 cum (cum)		35.1375 Cum (Cubic Meter)		
Amount					35.1375 X 5069.559327104		178131.64		

7. 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	Reinforcement	0.000	18.000	0.000	0.000	0.000	18.000	-	
Total Quantity					18 Qntl (Quintal)		18 Qntl (Quintal)		
Amount					18 X 8413.3745178		151440.74		

8. Flooring (AR0802i) : 2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher broken chips

2.5 cm thick A.S. flooring in C.C (1:2:4) with 12 mm size HG crusher 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	FLOORING	1.000	50.750	4.500	0.000	0.000	228.375	-	
Total Quantity					228.375 Sqm (Sqm)		228.375 Sqm (Square Meter)		
Amount					228.375 X 366.4727102356		83693.21		

9. Plastering (AR1014i) : 16mm thick cement Plaster in CM (1:6) over brick work in outside (outside)

16mm thick cement Plaster in CM (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	lw	2.000	50.750	0.000	0.750	0.000	76.125	-
ii	sw	2.000	4.500	0.000	0.750	0.000	6.750	-
Total Quantity					82.875 Sqm (Sqm)		82.875 Sqm (Square Meter)	
Amount					82.875 X 251.305637226		20826.95	

10. Painting (AR0918cb) : Finishing wall two coats with weather coat with one coat waterbound Primer

Finishing wall two coats with weather coat with one coat waterbound Primer including all costs of labour, Paint, Primer, Brushes and putty required for the work etc. complete and as per direction of Engineer-in-charge.(Outside)

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	lw	2.000	50.750	0.000	0.750	0.000	76.125	-
ii	sw	2.000	4.500	0.000	0.750	0.000	6.750	-
Total Quantity					82.875 Sqm (Sqm)		82.875 Sqm (Square Meter)	
Amount					82.875 X 160.71529806685		13319.28	

11. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	flooring	10.000	4.000	4.000	0.050	0.000	8.000	-
ii	cc road	1.000	16.000	3.650	0.075	0.000	4.380	-
iii	deduction for expansion joint	3.000	3.650	0.010	0.075	0.000	-	0.008
Total Quantity					12.3717875 cum (cum)		12.3717875 Cum (Cubic Meter)	

Amount	12.3717875 X 7046.23003986	87174.46
Total Amount		985368.61
Addition		
Provision for PH Work (+) @		
Provision for EI Work (+) @		
Provision for Contingency (+) @		10000.00
Display Citizen Board (+) @		1000.00
Any Other Lumpsum (+) @		3630.00
Provision for survey investigation and quality control (+) @		
Total Addition		14630.00
Grand Net Total Amount		999998.61

Subodh Majhi
JE
Odagaon Block

Sasmita Kar
AEE
Odagaon Block

Pritibala Rana
BDO
Odagaon Block