

Detailed Estimate

OD/365/3490/120107/389153/00014367 : CONSTRUCTION OF BOUNDARY WALL AT TADKISOLE PRY SCHOOL AT TADKISOLE

**Block : Baripada, Panchayat : Sankhabhanga
Created By: CHAPALA CHANDA PRADHAN**

1. Earth Work (AR0102a) : Earth work in hard soil or gravelly soil within 50m. Initial lead and 1.5m initial lift								
Earth work in hard soil or gravelly soil 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	wall	1.000	25.000	0.450	0.450	0.000	5.063	-
ii	column	10.000	1.000	1.000	1.000	0.000	10.000	-
iii	deduction	-10.000	1.000	0.450	0.450	0.000	-2.025	-
Total Quantity					13.0375 cum (cum)		13.0375 Cum (Cubic Meter)	
Amount					13.0375 X 196.3036		2559.31	
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	wall	1.000	25.000	0.450	0.150	0.000	1.688	-
ii	column	10.000	1.000	1.000	0.150	0.000	1.500	-
iii		-10.000	0.450	1.000	0.150	0.000	-0.675	-
Total Quantity					2.5125 cum (cum)		2.5125 Cum (Cubic Meter)	
Amount					2.5125 X 1122.854572		2821.17	
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, rammimg, 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	wall	1.000	25.000	0.450	0.150	0.000	1.688	-

ii	column	10.000	1.000	1.000	0.150	0.000	1.500	-
iii		-10.000	1.000	0.450	0.150	0.000	-0.675	-
Total Quantity					2.5125 cum (cum)		2.5125 Cum (Cubic Meter)	
Amount					2.5125 X 5832.23012472		14653.48	

4. Plastering (AR1014) : 16mm thick cement Plaster in CM (1:6) over brick work in inside.

16mm thick cement Plaster in CM (1:6) over brick work in inside 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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	25.000	1.800	0.000	0.000	45.000	-
Total Quantity					45 Sqm (Sqm)		45 Sqm (Square Meter)	
Amount					45 X 243.258401424		10946.63	

5. 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 centering 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		10.000	1.000	1.500	0.000	0.000	15.000	-
ii		2.000	25.000	0.250	0.000	0.000	12.500	-
Total Quantity					27.5 Sqm (Sqm)		27.5 Sqm (Square Meter)	
Amount					27.5 X 1034.6776319419		28453.63	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	4.000	0.000	0.000	0.000	4.000	-
Total Quantity					4 Qntl (Quintal)		4 Qntl (Quintal)	

Amount				4 X 7903.0956114			31612.38	
7. 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 centering and shuttering) complete and as per direction of Engineer-in-charge (RCC Plinth band)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	10.000	0.900	0.900	0.150	0.000	1.215	-
ii		10.000	0.750	0.750	0.150	0.000	0.844	-
iii		10.000	0.250	0.250	1.500	0.000	0.938	-
iv		1.000	25.000	0.250	0.250	0.000	1.563	-
Total Quantity					4.55875 cum (cum)		4.55875 Cum (Cubic Meter)	
Amount					4.55875 X 6978.0706377546		31811.28	
8. 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 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	25.000	0.375	0.300	0.000	2.813	-
ii		-10.000	0.375	0.300	0.300	0.000	-0.338	-
Total Quantity					2.475 cum (cum)		2.475 Cum (Cubic Meter)	
Amount					2.475 X 4970.777447896		12302.67	
9. Masonry Brick Work (AR0603bi) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure having crushing strength not less than 75.00 Kg/cm ² 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	25.000	0.250	1.500	0.000	9.375	-

ii		-10.000	0.250	0.250	1.500	0.000	-0.938	-
Total Quantity					8.4375 cum (cum)		8.4375 Cum (Cubic Meter)	
Amount					8.4375 X 5004.107447896		42222.16	
10. Painting (AR0917g) : Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work (Outside)								
Finishing wall with one coat weather coat paint of approved shade including one coat of oil bound primer in the outer surface of old work to give an even shade including all costs of labour, Paint, Brushes, and putty required for the work, etc. complete and as per direction of Engineer-in-charge. (Outside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	25.000	1.800	0.000	0.000	90.000	-
Total Quantity					90 Sqm (Sqm)		90 Sqm (Square Meter)	
Amount					90 X 124.20452835213		11178.41	
11. Plastering (AR1004i) : Fifth Floor								
12mm thick cement plaster (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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	25.000	1.800	0.000	0.000	45.000	-
Total Quantity					45 Sqm (Sqm)		45 Sqm (Square Meter)	
Amount					45 X 206.5909333254		9296.59	
Total Amount							197857.71	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1978.58	
Display Citizen Board (+) @							2201.00	
Any Other Lumpsum (+) @								
Total Addition							4179.58	

Grand Net Total Amount	202037.29
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