

Detailed Estimate

OD/365/3490/120104/390491/00014356 : CONSTRUCTION OF BOUNDARY WALL AT DUMAPADA GOVT ME SCHOOL

UNDER KHADISOLE G.P

Block : Baripada, Panchayat : Khadisole

Created By:ASHOK KUMAR DAS

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	FOUNDATION	10.000	1.000	1.000	1.000	1.000	10.000	-
ii	WALL	1.000	34.000	0.450	0.450	1.000	6.885	-
Total Quantity						16.885 cum (cum)	16.885 Cum (Cubic Meter)	
Amount						16.885 X 196.3036	3314.59	
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 BASE	10.000	1.000	1.000	0.100	1.000	1.000	-
ii	WALL	1.000	34.000	0.450	0.050	1.000	0.765	-
Total Quantity						1.765 cum (cum)	1.765 Cum (Cubic Meter)	
Amount						1.765 X 1201.755772	2121.10	
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	10.000	1.200	1.200	0.150	0.000	2.160	-
ii	wall	1.000	34.000	0.450	0.100	0.000	1.530	-
Total Quantity						3.69 cum (cum)	3.69 Cum (Cubic Meter)	

Amount						3.69 X 6101.84215072	22515.80	
4. 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	34.000	0.300	0.300	0.000	3.060	-
ii		-10.000	1.000	0.300	0.300	0.000	-0.900	-
Total Quantity					2.16 cum (cum)		2.16 Cum (Cubic Meter)	
Amount						2.16 X 5355.955855496	11568.86	
5. 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 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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	34.000	0.250	1.500	0.000	12.750	-
Total Quantity					12.75 cum (cum)		12.75 Cum (Cubic Meter)	
Amount						12.75 X 5389.285855496	68713.39	
6. R.C.C. Work (AR0407Aa) : Column base (including centering & shuttering)								
Column base (including centring & shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		10.000	1.000	1.000	0.200	0.000	2.000	-
Total Quantity					2 cum (cum)		2 Cum (Cubic Meter)	
Amount						2 X 6964.4761774033	13928.95	
7. R.C.C. Work (AR0407Ab) : Plinth beam (including centering & shuttering)								
Plinth beam (including centring & shuttering)								

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	34.000	0.250	0.250	0.000	2.125	-
Total Quantity					2.125 cum (cum)		2.125 Cum (Cubic Meter)	
Amount					2.125 X 7719.4196661042		16403.77	
8. R.C.C. Work (AR0407Ac) : Column & Beam (including centring & shuttering)								
Column & Beam (including centring & shuttering)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		10.000	0.250	0.250	1.800	0.000	1.125	-
Total Quantity					1.125 cum (cum)		1.125 Cum (Cubic Meter)	
Amount					1.125 X 14927.730214129		16793.70	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	34.000	1.800	0.000	0.000	61.200	-
Total Quantity					61.2 Sqm (Sqm)		61.2 Sqm (Square Meter)	
Amount					61.2 X 248.078424424		15182.40	
10. Plastering (AR1004i) : 12mm thick cement plaster (1:6) over Brick work in outside.								
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	34.000	1.800	0.000	0.000	61.200	-
Total Quantity					61.2 Sqm (Sqm)		61.2 Sqm (Square Meter)	
Amount					61.2 X 173.9069019544		10643.10	

11. 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		2.000	34.000	1.800	0.000	0.000	122.400	-
Total Quantity					122.4 Sqm (Sqm)		122.4 Sqm (Square Meter)	
Amount					122.4 X 158.48919230825		19399.08	
Total Amount							200584.74	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1000.00	
Display Citizen Board (+) @							453.00	
Any Other Lumpsum (+) @								
Total Addition							1453.00	
Grand Net Total Amount							202037.74	