

Detailed Estimate

OD/361/3451/275394/385250/00069302 : REPAR OF BOUNDARY WALL AT KARAKHENDRA AWC

Block : Joda, Gram Panchayat : Karakhendara

Created By:AMULYA KUMAR DAS

1. Earth Work (AR0103aa) : Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m								
Earthwork in stoney earth and gravels mixed with stone and boulder not exceeding 0.014cum in volume in foundation and plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layer not exceeding 0.3m in depth and as per specification approved by the department								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall foundation	1.000	17.000	0.450	0.600	0.000	4.590	-
ii		1.000	7.000	0.450	0.600	0.000	1.890	-
Total Quantity					6.48 cum (cum)		6.48 Cum (Cubic Meter)	
Amount					6.48 X 375.4984464		2433.23	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall foundation	1.000	17.000	0.450	0.100	0.000	0.765	-
ii		1.000	7.000	0.450	0.100	0.000	0.315	-
Total Quantity					1.08 cum (cum)		1.08 Cum (Cubic Meter)	
Amount					1.08 X 1870.785832		2020.45	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction

i	wall foundation	1.000	17.000	0.450	0.100	0.000	0.765	-
ii		1.000	7.000	0.450	0.100	0.000	0.315	-
Total Quantity					1.08 cum (cum)		1.08 Cum (Cubic Meter)	
Amount					1.08 X 6872.94220674		7422.78	

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/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	B.wall	1.000	17.000	0.450	0.400	0.000	3.060	-
ii	Above GL	1.000	17.000	0.450	0.750	0.000	5.738	-
iii	B.wall	1.000	7.000	0.450	0.400	0.000	1.260	-
iv	Above G.L.	1.000	7.000	0.450	0.250	0.000	0.788	-
Total Quantity					10.845 cum (cum)		10.845 Cum (Cubic Meter)	
Amount					10.845 X 5515.014002232		59810.33	

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/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	B.wall	1.000	17.000	0.250	1.400	0.000	5.950	-
ii	B.wall	1.000	7.000	0.250	1.400	0.000	2.450	-
iii	Coping	1.000	17.000	0.125	0.075	0.000	0.159	-

iv	Coping	1.000	7.000	0.125	0.075	0.000	0.066	-
Total Quantity					8.625 cum (cum)		8.625 Cum (Cubic Meter)	
Amount					8.625 X 5548.344002232		47854.47	
6. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	B.wall	1.000	17.000	0.000	2.225	0.000	37.825	-
ii		1.000	7.000	0.000	1.725	0.000	12.075	-
Total Quantity					49.9 Sqm (Sqm)		49.9 Sqm (Square Meter)	
Amount					49.9 X 266.302615358		13288.50	
7. Plastering (AR1004) : 12mm thick cement plster (1:6) over Brick work in inside								
12mm thick cement plster (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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	B.wall	1.000	17.000	0.000	2.225	0.000	37.825	-
ii		1.000	7.000	0.000	1.725	0.000	12.075	-
Total Quantity					49.9 Sqm (Sqm)		49.9 Sqm (Square Meter)	
Amount					49.9 X 188.3495989948		9398.64	
8. 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	New B.wall	2.000	17.000	0.000	2.225	0.000	75.650	-

ii	New B.wall	2.000	7.000	0.000	1.725	0.000	24.150	-
iii	Existing B.wall	2.000	66.000	0.000	1.725	0.000	227.700	-
Total Quantity					327.5 Sqm (Sqm)		327.5 Sqm (Square Meter)	
Amount					327.5 X 160.74115594024		52642.73	
Total Amount							194871.12	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2000.00	
Display Citizen Board (+) @							2800.00	
Any Other Lumpsum (+) @							328.00	
Provision for survey investigation and quality control (+) @								
Total Addition							5128.00	
Grand Net Total Amount							199999.12	

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Joda Block

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