

Detailed Estimate

OD/365/3511/120398/387465/00079327 : CONST OF JAHIRA BOUNDARY WALL WITH GATE AT BALIASAHI

Block : Tiring, Gram Panchayat : Baddalima

Created By: PURUSOTTAM NAHAK

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								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	54.000	0.750	0.750	0.000	30.375	-
Total Quantity					30.375 cum (cum)		30.375 Cum (Cubic Meter)	
Amount					30.375 X 240.77592		7313.57	
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		1.000	54.000	0.750	0.150	0.000	6.075	-
Total Quantity					6.075 cum (cum)		6.075 Cum (Cubic Meter)	
Amount					6.075 X 918.386132		5579.20	
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		1.000	52.000	0.750	0.150	0.000	5.850	-
Total Quantity					5.85 cum (cum)		5.85 Cum (Cubic Meter)	

Amount						5.85 X 5921.0546333	34638.17	
4. Plastering (AR1004) : 12mm thick cement plaster (1:6) over Brick work in inside								
12mm thick cement plaster (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		1.000	54.000	0.000	1.500	0.000	81.000	-
ii		1.000	54.000	0.300	0.000	0.000	16.200	-
Total Quantity					97.2 Sqm (Sqm)		97.2 Sqm (Square Meter)	
Amount						97.2 X 175.736503986	17081.59	
5. 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		1.000	54.000	0.000	1.500	0.000	81.000	-
ii		2.000	54.000	0.000	0.300	0.000	32.400	-
Total Quantity					113.4 Sqm (Sqm)		113.4 Sqm (Square Meter)	
Amount						113.4 X 251.16883111	28482.55	
6. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc								
Rigid and smooth centring 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. foundation, plinth band and footings bases of columns mass concrete precast slabs, etc								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	54.000	0.000	0.200	0.000	21.600	-
Total Quantity					21.6 Sqm (Sqm)		21.6 Sqm (Square Meter)	

Amount							21.6 X 216.55039071844	4677.49
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	3.850	0.000	0.000	0.000	3.850	-
Total Quantity					3.85 Qntl (Quintal)		3.85 Qntl (Quintal)	
Amount					3.85 X 8422.5743654		32426.91	
8. 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	52.000	0.250	1.500	0.000	19.500	-
ii		14.000	0.380	0.250	1.500	0.000	1.995	-
iii		14.000	0.250	0.250	1.500	0.000	-	1.313
Total Quantity					20.1825 cum (cum)		20.1825 Cum (Cubic Meter)	
Amount					20.1825 X 5262.68824824		106214.21	
9. Painting (AR0920) : Finishing wall two coats with plastic emulsion paint of approved shades on new work (Inside)								
Finishing wall two coats with plastic emulsion paint of approved shades on new work to give an even shade including all costs of labor, Paint and Brushes required for the work, etc. complete and as per direction of the Engineer-in-charge.(Inside)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		2.000	54.000	0.000	1.500	0.000	162.000	-

ii		1.000	54.000	0.300	0.000	0.000	16.200	-	
Total Quantity					178.2 Sqm (Sqm)		178.2 Sqm (Square Meter)		
Amount					178.2 X 94.7676397125		16887.59		
10. 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.									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i		1.000	54.000	0.380	0.450	0.000	9.234	-	
Total Quantity					9.234 cum (cum)		9.234 Cum (Cubic Meter)		
Amount					9.234 X 5229.35824824		48287.89		
11. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)									
SI No	Description	No	L	B	D	CF	Quantity	Deduction	
i		1.000	54.000	0.380	0.200	0.000	4.104	-	
Total Quantity					4.104 cum (cum)		4.104 Cum (Cubic Meter)		
Amount					4.104 X 6117.748644861		25107.24		
Total Amount							326696.40		
Addition									
Provision for PH Work (+) @									
Provision for EI Work (+) @									
Provision for Contingency (+) @							511.00		

Display Citizen Board (+) @	4000.00
Any Other Lumpsum (+) @	3345.00
Provision for survey investigation and quality control (+) @	
Total Addition	7856.00
Grand Net Total Amount	334552.40

PURUSOTTAM NAHAK
JE
Tiring Block

MANGALJYOTI MOHAPATRA
AEE
Tiring Block

BHAGBAT PRASAD MOHAPATRA
BDO
Tiring Block