

Detailed Estimate

OD/370/3557/121258/426420/00068539 : Construction of Boundary wall at GP Office, Halua
Block : Rayagada, Gram Panchayat : Hallua
Created By: RANJIT JENA

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	B/wall	1.000	42.000	0.500	0.500	0.000	10.500	-
Total Quantity					10.5 cum (cum)		10.5 Cum (Cubic Meter)	
Amount					10.5 X 240.77592		2528.15	
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	B/wall	1.000	42.000	0.500	0.100	0.000	2.100	-
Total Quantity					2.1 cum (cum)		2.1 Cum (Cubic Meter)	
Amount					2.1 X 760.129232		1596.27	
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	B/wall	1.000	42.000	0.500	0.400	0.000	8.400	-
Total Quantity					8.4 cum (cum)		8.4 Cum (Cubic Meter)	

Amount						8.4 X 5418.81058192	45518.01	
4. 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 centring and shuttering) complete and as per direction of Engineer-in charge (RCC Plinth band)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	B/wall	1.000	42.000	0.300	0.200	0.000	2.520	-
Total Quantity					2.52 cum (cum)		2.52 Cum (Cubic Meter)	
Amount						2.52 X 6791.8822212866	17115.54	
5. 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	B/wall	1.000	42.000	0.300	0.200	0.800	2.016	-
Total Quantity					2.016 Qntl (Quintal)		2.016 Qntl (Quintal)	
Amount						2.016 X 8646.6187668	17431.58	
6. Masonry Brick Work (AR0603ci) : Flyash Bricks of size (25cm x 12cm x 8cm) in cement mortar (1:6) in superstructure								
Brickwork with Flyash Bricks of size (23cm x 11cm 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	B/wall	1.000	42.000	0.230	1.500	0.000	14.490	-
Total Quantity					14.49 cum (cum)		14.49 Cum (Cubic Meter)	

Amount					14.49 X 5069.334011456	73454.65		
7. 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	B/wall	2.000	42.000	0.000	1.500	0.000	126.000	-
Total Quantity					126 Sqm (Sqm)		126 Sqm (Square Meter)	
Amount					126 X 171.5022377984		21609.28	
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	B/wall	2.000	42.000	0.000	1.500	0.000	126.000	-
Total Quantity					126 Sqm (Sqm)		126 Sqm (Square Meter)	
Amount					126 X 160.72822700355		20251.76	
Total Amount							199505.24	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							1995.05	
Display Citizen Board (+) @							537.70	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							2532.75	

Grand Net Total Amount

202037.99

**RANJIT JENA
JE
Rayagada Block**

**SAMEER KUMAR RATH
AEE
Rayagada Block**

**SHRI SUJIT KUMAR MISHRA
BDO
Rayagada Block**