

Detailed Estimate

OD/351/3348/117223/382768/00014429 : Repair & Maintenance of Kalamati High school, Kalamati
Block : Tileibani, Gram Panchayat : Baniakilinda
Created By: BHOLANATH MAJHI

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	BOUNDARY WALL	1.000	52.000	0.750	0.750	0.000	29.250	-
Total Quantity					29.25 cum (cum)		29.25 Cum (Cubic Meter)	
Amount					29.25 X 240.77592		7042.70	
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	1.000	52.000	0.750	0.100	0.000	3.900	-
Total Quantity					3.9 cum (cum)		3.9 Cum (Cubic Meter)	
Amount					3.9 X 433.101332		1689.10	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	1.000	52.000	0.750	0.100	0.000	3.900	-
Total Quantity					3.9 cum (cum)		3.9 Cum (Cubic Meter)	

Amount			3.9 X 5834.21872786				22753.45	
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	52.000	0.600	0.350	0.000	10.920	-
ii		1.000	52.000	0.380	0.450	0.000	8.892	-
Total Quantity					19.812 cum (cum)		19.812 Cum (Cubic Meter)	
Amount					19.812 X 5124.693221648		101530.42	
5. R.C.C. Work (AR0404Aa) : 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 foundation, footing bases of column, mass concrete, pre-cast slabs etc.)								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i		1.000	52.000	0.250	0.150	0.000	1.950	-
Total Quantity					1.95 cum (cum)		1.95 Cum (Cubic Meter)	
Amount					1.95 X 6492.1403970587		12659.67	
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	1.550	0.000	0.000	0.000	1.550	-

Total Quantity		1.55 Qntl (Quintal)		1.55 Qntl (Quintal)				
Amount		1.55 X 9961.929768		15440.99				
7. 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	PILLER	16.000	0.380	0.380	1.200	0.000	2.772	-
ii	WALL	1.000	41.920	0.250	1.200	0.000	12.576	-
iii	WALL	1.000	41.920	0.125	0.125	0.000	0.655	-
Total Quantity					16.00348 cum (cum)		16.00348 Cum (Cubic Meter)	
Amount					16.00348 X 5158.023221648		82546.32	
Total Amount							243662.65	
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @							2337.00	
Display Citizen Board (+) @							2000.00	
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition							4337.00	
Grand Net Total Amount							247999.65	

BHOLANATH MAJHI
JE
Tileibani Block

DARSHAN KUMAR PUROHIT
AEE
Tileibani Block

Priyadarshani Mirdha
BDO
Tileibani Block