

Detailed Estimate

OD/365/3508/120361/388760/00063447 : Repair & Maintenance of Dhangarbeda Pry. school

Block : Sukruli, Gram Panchayat : Haladia

Created By: JEEBAN SINGH

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	Col	10.000	4.000	4.000	4.000	1.000	640.000	-
Total Quantity						640 Cft (Cubic Foot)	18.122752 Cum (Cubic Meter)	
Amount						18.122752 X 240.77592	4363.52	
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	Col	10.000	4.000	4.000	0.500	1.000	80.000	-
Total Quantity						80 Cft (Cubic Foot)	2.265344 Cum (Cubic Meter)	
Amount						2.265344 X 1122.305132	2542.41	
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	col	10.000	4.000	4.000	0.500	1.000	80.000	-

Total Quantity		80 Cft (Cubic Foot)		2.265344 Cum (Cubic Meter)				
Amount		2.265344 X 5896.735823		13358.14				
4. 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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	L/W	2.000	38.910	0.830	1.000	1.000	64.591	-
ii		1.000	19.750	0.830	1.000	1.000	16.393	-
iii		1.000	26.500	0.830	1.000	1.000	21.995	-
iv		2.000	1.250	0.830	1.000	1.000	2.075	-
v		1.000	12.250	0.830	1.000	1.000	10.168	-
Total Quantity		115.2206 Cft (Cubic Foot)		3.26267868608 Cum (Cubic Meter)				
Amount		3.26267868608 X 5379.0281242		17550.04				
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	MS rod	0.000	8.190	0.000	0.000	1.000	8.190	-
Total Quantity		8.19 Qntl (Quintal)		8.19 Qntl (Quintal)				
Amount		8.19 X 9207.7554152		75411.52				
6. R.C.C. Work (AR0404Ac) : 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 Beams, Column, Girder & Bressmer etc)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	column	10.000	4.000	4.000	0.660	0.000	105.600	-
ii		10.000	2.415	2.415	1.250	0.000	72.903	-
iii		10.000	0.830	0.830	2.330	0.000	16.051	-
iv		10.000	0.830	0.830	2.330	0.000	16.051	-
v		10.000	0.830	0.830	10.000	0.000	68.890	-
vi		2.000	26.500	0.830	0.830	0.000	36.512	-
vii		1.000	12.410	0.830	0.830	0.000	8.549	-
viii		1.000	22.500	0.830	0.830	0.000	15.500	-
ix		1.000	38.910	0.830	0.830	0.000	26.805	-
x		1.000	19.750	0.830	0.830	0.000	13.606	-
xi		1.000	22.500	0.830	0.830	0.000	15.500	-
xii		1.000	12.250	0.830	0.500	0.000	5.084	-
Total Quantity					401.0516255 Cft (Cubic Foot)		11.356498668958 Cum (Cubic Meter)	
Amount					11.356498668958 X 14571.808274198		165484.72	
Total Amount							278710.34	
Addition								
Provision for PH Work (+) @							0.00	
Provision for EI Work (+) @							6289.50	
Provision for Contingency (+) @							0.00	

Display Citizen Board (+) @	3000.00
Any Other Lumpsum (+) @	0.00
Provision for survey investigation and quality control (+) @	0.00
Total Addition	9289.50
Grand Net Total Amount	287999.84

JEEBAN SINGH
JE
Sukruli Block

DASHARATH MOHANTA
AEE
Sukruli Block

BDO Sukruli
BDO
Sukruli Block