

Detailed Estimate

OD/354/3374/117762/412322/00017495 : IMPROVEMENT OF UP SCHOOL AT DARUBHADRA

Block : Hinjilicut, Gram Panchayat : Darubhadra

Created By:KALPANA PADHI

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								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cutoff	2.000	50.000	0.750	0.660	0.000	49.500	-
ii		2.000	54.000	0.750	0.660	0.000	53.460	-
Total Quantity					102.96 Cft (Cubic Foot)		2.915497728 Cum (Cubic Meter)	
Amount					2.915497728 X 240.77592		701.98	
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.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	Toilet front campus	1.000	50.000	12.000	0.330	0.000	198.000	-
ii		1.000	54.000	12.000	0.330	0.000	213.840	-
iii	cutoff	2.000	50.000	0.750	0.330	0.000	24.750	-
iv		2.000	54.000	0.750	0.330	0.000	26.730	-
Total Quantity					463.32 Cft (Cubic Foot)		13.119739776 Cum (Cubic Meter)	
Amount					13.119739776 X 843.939032		11072.26	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	cut off	2.000	50.000	0.750	0.330	0.000	24.750	-
ii		2.000	54.000	0.750	0.330	0.000	26.730	-
Total Quantity					51.48 Cft (Cubic Foot)		1.457748864 Cum (Cubic Meter)	
Amount					1.457748864 X 5657.23815092		8246.83	

4. miscellaneous (ARM287) : Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC

Supplying and fixing of 80mm thick cement concrete interlocking paver block of M-40 grade of approved make, design, colour and size made by Block making machine with proper compaction laid in required pattern etc. complete in all respect conforming to IRC SP-63:2018. (New miscellaneous items) and as directed by Engineer-in-Charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	front campus	1.000	50.000	12.000	0.000	0.000	600.000	-
ii		1.000	54.500	12.000	0.000	0.000	654.000	-
Total Quantity					1254 Sft (Square Foot)		116.500362 Sqm (Square Meter)	
Amount					116.500362 X 631.7544		73599.62	

5. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum

Cement concrete work with (1:2:4) using 12mm size hard granite(crusher broken) 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 as per specification and direction of Engineer-in charge.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	front side	2.000	12.000	1.000	0.330	0.000	7.920	-
ii	back side	2.000	12.000	1.000	0.330	0.000	7.920	-

Total Quantity		15.84 Cft (Cubic Foot)		0.448538112 Cum (Cubic Meter)				
Amount		0.448538112 X 7172.03636504		3216.93				
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	cut off	2.000	50.000	0.000	0.330	0.000	33.000	-
ii		2.000	54.000	0.000	0.330	0.000	35.640	-
Total Quantity		68.64 Sft (Square Foot)		6.37686192 Sqm (Square Meter)				
Amount		6.37686192 X 216.39264180804		1379.91				
Total Amount				98217.53				
Addition								
Provision for PH Work (+) @								
Provision for EI Work (+) @								
Provision for Contingency (+) @				982.18				
Display Citizen Board (+) @				800.00				
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								
Total Addition				1782.18				
Grand Net Total Amount				99999.70				

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