

Detailed Estimate

OD/370/3550/121153/427173/00073706 : CONSTRUCTION OF PAVER BLOCK ROAD AT APOLO SAHI BOREI

Block : Gunupur, Gram Panchayat : Puttasing

Created By: Pradipta Kishore Khillar

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 long	2.000	90.000	0.300	0.300	0.000	16.200	-
ii	Cross cutoff	2.000	3.060	0.300	0.300	0.000	0.551	-
iii	Bed cutting	1.000	89.400	3.060	0.100	0.000	27.356	-
Total Quantity					44.1072 cum (cum)		44.1072 Cum (Cubic Meter)	
Amount					44.1072 X 240.77592		10619.95	
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	Cutoff long bed	2.000	90.000	0.300	0.050	0.000	2.700	-
ii	Cruss cutoff wall	2.000	3.060	0.300	0.050	0.000	0.092	-
iii	Road Bed	1.000	89.400	3.060	0.100	0.000	27.356	-
Total Quantity					30.1482 cum (cum)		30.1482 Cum (Cubic Meter)	
Amount					30.1482 X 583.278232		17584.79	
3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal								

Cement concrete (1:3:6) with 4 cm. hard granite(Hand 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	Cutoff long wall	2.000	90.000	0.300	0.300	0.000	16.200	-
ii	Cross bed	2.000	3.060	0.300	0.300	0.000	0.551	-
Total Quantity					16.7508 cum (cum)		16.7508 Cum (Cubic Meter)	
Amount					16.7508 X 5254.57382542		88018.32	

4. 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 specifaion and direction of Engineer-in charge.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Cutoff long wall top	2.000	90.000	0.300	0.040	0.000	2.160	-
ii	Cross cutoff wall	2.000	3.060	0.300	0.040	0.000	0.073	-
Total Quantity					2.23344 cum (cum)		2.23344 Cum (Cubic Meter)	
Amount					2.23344 X 6999.42216354		15632.79	

5. 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.

SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Paver laying on Road	1.000	90.000	3.660	0.000	0.000	329.400	-
Total Quantity					329.4 Sqm (Sqm)		329.4 Sqm (Square Meter)	

Amount		329.4 X 624.012		205549.55				
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	Cutoff wall long wall above GL	2.000	90.000	0.000	0.080	0.000	14.400	-
ii	Cross cutoff	2.000	3.060	0.000	0.080	0.000	0.490	-
Total Quantity					14.8896 Sqm (Sqm)		14.8896 Sqm (Square Meter)	
Amount					14.8896 X 216.74791310564		3227.29	
Total Amount							340632.69	
Addition								
Provision for Contingency (+) @							4000.00	
Display Citizen Board (+) @							3505.00	
Any Other Lumpsum (+) @							51862.00	
Provision for survey investigation and quality control (+) @								
Total Addition							59367.00	
Grand Net Total Amount							399999.69	

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