

Detailed Estimate

OD/362/3463/119659/407789/00063242 : CONSTRUCTION OF PAVER BLOCK ROAD FROM PWD ROAD TO SANATAN MAHAVIDYALAYA,MADANPUR

Block : Jatni, Gram Panchayat : Madanapur

Created By: Sarita Behera

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	CUTOFF	2.000	50.000	0.250	0.200	0.000	5.000	-
ii	BASE	1.000	50.000	3.140	0.100	0.000	15.700	-
Total Quantity					20.7 cum (cum)		20.7 Cum (Cubic Meter)	
Amount					20.7 X 240.77592		4984.06	
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	CUTOFF	2.000	50.000	0.250	0.150	0.000	3.750	-
ii	BASE	1.000	50.000	3.140	0.150	0.000	23.550	-
Total Quantity					27.3 cum (cum)		27.3 Cum (Cubic Meter)	
Amount					27.3 X 765.633732		20901.80	
3. 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	2.000	50.000	0.250	0.270	0.000	6.750	-
Total Quantity					6.75 cum (cum)		6.75 Cum (Cubic Meter)	
Amount					6.75 X 7166.3049645		48372.56	
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.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	BASE	1.000	50.000	3.140	0.000	0.000	157.000	-
Total Quantity					157 Sqm (Sqm)		157 Sqm (Square Meter)	
Amount					157 X 629.4285		98820.27	
5. 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		4.000	50.000	0.230	0.000	0.000	46.000	-
Total Quantity					46 Sqm (Sqm)		46 Sqm (Square Meter)	
Amount					46 X 216.23489289764		9946.81	
Total Amount							183025.50	
Addition								
Provision for Contingency (+) @							1829.95	
Display Citizen Board (+) @							1706.00	
Any Other Lumpsum (+) @								

Provision for survey investigation and quality control (+) @	
Total Addition	3535.95
Grand Net Total Amount	186561.45

Sarita Behera
JE
Jatni Block

DEBASMITA DHAL
AEE
Jatni Block

BASANTA KUMAR HATI
BDO
Jatni Block