

Detailed Estimate

OD/356/3397/118331/401230/00071576 : Const Of Paver Road From Kaima Kamalei Mandira To Laxmi Ghara
Block : Dharmasala, Gram Panchayat : Badakanichi
Created By:SRADHANJALI MOHANTY

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	Side wall below Road level	1.000	25.000	0.600	1.200	0.000	18.000	-
Total Quantity					18 cum (cum)		18 Cum (Cubic Meter)	
Amount					18 X 240.77592		4333.97	
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	1.000	25.000	0.600	0.150	0.000	2.250	-
ii	under paver	1.000	45.000	2.700	0.100	0.000	12.150	-
Total Quantity					14.4 cum (cum)		14.4 Cum (Cubic Meter)	
Amount					14.4 X 721.547232		10390.28	
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	side wall	1.000	25.000	0.600	0.150	0.000	2.250	-

ii	road	1.000	35.000	3.600	0.100	0.000	12.600	-
iii	cutoff	2.000	50.000	0.250	0.200	0.000	5.000	-
Total Quantity					19.85 cum (cum)		19.85 Cum (Cubic Meter)	
Amount					19.85 X 5816.98548166		115467.16	

4. R.C.C. Work (AR0404A) : 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. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	1.000	25.000	0.350	0.900	0.000	7.875	-
Total Quantity					7.875 cum (cum)		7.875 Cum (Cubic Meter)	
Amount					7.875 X 6042.0506878582		47581.15	

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.

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	wall	7.000	0.000	0.000	0.000	0.000	7.000	-
Total Quantity					7 Qntl (Quintal)		7 Qntl (Quintal)	
Amount					7 X 8429.867838		59009.07	

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

Sl No	Description	No	L	B	D	CF	Quantity	Deduction
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i	2	25.000	0.000	0.900	0.000	0.000	22.500	-
ii	2	50.000	0.000	0.200	2.000	0.000	20.000	-
Total Quantity					42.5 Sqm (Sqm)		42.5 Sqm (Square Meter)	
Amount					42.5 X 216.23489289764		9189.98	
7. 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 specificaion and direction of Engineer-in charge.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	road	1.000	35.000	3.600	0.100	0.000	12.600	-
ii	road	1.000	25.000	3.900	0.100	0.000	9.750	-
Total Quantity					22.35 cum (cum)		22.35 Cum (Cubic Meter)	
Amount					22.35 X 7318.41782442		163566.64	
8. 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	road	1.000	50.000	2.700	0.000	0.000	135.000	-
Total Quantity					135 Sqm (Sqm)		135 Sqm (Square Meter)	
Amount					135 X 628.119		84796.07	
Total Amount							494334.32	
Addition								
Provision for Contingency (+) @							2500.00	

Display Citizen Board (+) @	3150.00
Any Other Lumpsum (+) @	
Provision for survey investigation and quality control (+) @	
Total Addition	5650.00
Grand Net Total Amount	499984.32

SRADHANJALI MOHANTY
JE
Dharmasala Block

LINGARAJ PANDA
AEE
Dharmasala Block

Jyotirmaya Kar
BDO
Dharmasala Block