

Detailed Estimate

OD/356/3397/118346/401355/00064583 : CONSTRUCTION OF ROAD FROM PALA MANDAP TO SAHU SAHI VIA

ALEKHA MOHAPATRA HOUSE AT KHETRAPAL

Block : Dharmasala, Gram Panchayat : Khetrapal

Created By:MONALISHA NAYAK

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 WALL	1.000	36.000	0.450	0.450	0.000	7.290	-
Total Quantity					7.29 cum (cum)		7.29 Cum (Cubic Meter)	
Amount					7.29 X 240.77592		1755.26	
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	CRUST	1.000	36.000	3.960	0.100	1.000	14.256	-
Total Quantity					14.256 cum (cum)		14.256 Cum (Cubic Meter)	
Amount					14.256 X 787.298232		11223.72	
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	BASE	1.000	36.000	0.600	0.600	0.000	12.960	-
ii	WALL	1.000	36.000	0.450	0.180	0.000	2.916	-

Total Quantity		15.876 cum (cum)		15.876 Cum (Cubic Meter)				
Amount		15.876 X 5730.49170766		90977.29				
4. 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	WALL	2.000	36.000	0.000	0.180	0.000	12.960	-
Total Quantity		12.96 Sqm (Sqm)		12.96 Sqm (Square Meter)				
Amount		12.96 X 216.23489289764		2802.40				
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	CRUST	1.000	36.000	3.960	0.000	1.000	142.560	-
Total Quantity		142.56 Sqm (Sqm)		142.56 Sqm (Square Meter)				
Amount		142.56 X 630.072		89823.06				
Total Amount		196581.73						
Addition								
Provision for Contingency (+) @		1965.82						
Display Citizen Board (+) @		1452.00						
Any Other Lumpsum (+) @								
Provision for survey investigation and quality control (+) @								

Total Addition	3417.82
Grand Net Total Amount	199999.55

MONALISHA NAYAK
JE
Dharmasala Block

LINGARAJ PANDA
AEE
Dharmasala Block

Jyotirmaya Kar
BDO
Dharmasala Block