

Detailed Estimate

OD/363/3477/119890/428617/00073824 : Const of Paver Block Road at Bejuguda

Block : Narayan Patana, Gram Panchayat : Balipeta

Created By: Sravani Padhy

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	PROTECTION FOR PAVER BLOCK	8.000	3.800	0.250	0.250	0.000	1.900	-
ii	PROTECTION FOR PAVER BLOCK	2.000	150.000	0.250	0.250	0.000	18.750	-
Total Quantity						20.65 cum (cum)	20.65 Cum (Cubic Meter)	
Amount						20.65 X 240.77592	4972.02	
2. Earth Work (AR0110) : Fine dressing of earth work in ordinary or hard soil in road formation								
Fine dressing of earth work in ordinary or hard soil in road formaton according to the direction of the department including cutting or filling earth upto 0.15m depth of surface.								
Sl No	Description	No	L	B	D	CF	Quantity	Deduction
i	LEVELING FOR PAVER BLOCK	1.000	150.000	3.800	0.000	0.000	570.000	-
Total Quantity						570 Sqm (Sqm)	570 Sqm (Square Meter)	
Amount						570 X 4.6662	2659.73	
3. 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	EXTRA FOR PAVER BLOCK BASE	1.000	150.000	3.500	0.150	0.000	78.750	-

Total Quantity	78.75 cum (cum)	78.75 Cum (Cubic Meter)
Amount	78.75 X 917.083232	72220.30

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	PAVER BLOCK SIDE ALL	2.000	150.000	0.250	0.000	0.000	75.000	-
ii	PAVER BOOCK AND WALL	8.000	3.800	0.250	0.000	0.000	7.600	-
Total Quantity						82.6 Sqm (Sqm)	82.6 Sqm (Square Meter)	
Amount						82.6 X 216.39264180804	17874.03	

5. 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	CC ROAD	1.000	24.500	3.500	0.100	0.000	8.575	-
Total Quantity						8.575 cum (cum)	8.575 Cum (Cubic Meter)	
Amount						8.575 X 5769.45581894	49473.08	

6. 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	CC ROAD	1.000	24.500	3.500	0.100	0.000	8.575	-
ii	PROTECTION & CUT OFF FOR PAVER BLOCK	8.000	3.800	0.250	0.450	0.000	3.420	-

iii	PROTECTION & CUT OFF FOR PAVER BLOCK	2.000	150.000	0.250	0.450	0.000	33.750	-
Total Quantity					45.745 cum (cum)		45.745 Cum (Cubic Meter)	
Amount					45.745 X 7243.18972778		331339.71	

7. 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		1.000	150.000	0.250	0.450	0.000	16.875	-
Total Quantity					16.875 Sqm (Sqm)		16.875 Sqm (Square Meter)	
Amount					16.875 X 633.927		10697.52	

Total Amount (A) : 489236.41

Additional Components

#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.5000	-	5000
2	Display Citizen Board @ Rs.5000	-	5000
3	Any Other Lumpsum @ Rs.763	-	763

Additional Components Amount (F) : 10763

Grand Total Amount (A + F) : 499999.40935105

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