

Detailed Estimate

OD/354/3376/117825/411373/00113840 : CONST OF PAVER ROAD FROM TUKUNA SAHI TO MOHAN DORA AT TELI SAHI NACHUNIBADI

Block : Kabisuryanagar, Gram Panchayat : Subalaya

Created By: PRADEEP KUMAR MALLICK

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	CUTING FILLING LEVELING DRESSING THE UNDULATED BED SURFACE	1.000	10.000	3.500	0.150	0.000	5.250	-
ii	CUTING FILLING LEVELING DRESSING THE UNDULATED BED SURFACE	1.000	10.000	3.205	0.150	0.000	4.808	-
iii	CUTING FILLING LEVELING DRESSING THE UNDULATED BED SURFACE	1.000	11.700	3.105	0.150	0.000	5.449	-
iv	CUTING FILLING LEVELING DRESSING THE UNDULATED BED SURFACE	1.000	5.200	4.500	0.150	0.000	3.510	-
v	CUTING FILLING LEVELING DRESSING THE UNDULATED BED SURFACE	1.000	3.400	4.375	0.150	0.000	2.231	-
Total Quantity							21.248025 cum (cum)	21.248025 Cum (Cubic Meter)
Amount							21.248025 X 240.77592	5116.01
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	ROAD BED SURFACE	1.000	10.000	3.500	0.100	0.000	3.500	-
ii	ROAD BED SURFACE	1.000	10.000	3.205	0.100	0.000	3.205	-
iii	ROAD BED SURFACE	1.000	11.700	3.105	0.100	0.000	3.633	-
iv	ROAD BED SURFACE	1.000	5.200	4.500	0.100	0.000	2.340	-
v	ROAD BED SURFACE	1.000	3.400	4.375	0.100	0.000	1.488	-
Total Quantity					14.16535 cum (cum)		14.16535 Cum (Cubic Meter)	
Amount					14.16535 X 708.538432		10036.69	

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	SIDE PACKING	2.000	10.000	0.125	0.125	0.000	0.313	-
ii		2.000	10.000	0.125	0.125	0.000	0.313	-
iii		2.000	11.700	0.125	0.125	0.000	0.366	-
iv		2.000	5.300	0.125	0.125	0.000	0.166	-
v		2.000	3.400	0.125	0.125	0.000	0.106	-
vi	STARTING APPROACH PORTION	1.000	4.050	0.950	0.125	0.000	0.481	-
Total Quantity					1.7434375 cum (cum)		1.7434375 Cum (Cubic Meter)	

Amount						1.7434375 X 6927.3233499	12077.36	
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	ROAD TOP	1.000	10.000	3.500	0.000	0.000	35.000	-
ii	ROAD TOP	1.000	10.000	3.205	0.000	0.000	32.050	-
iii	ROAD TOP	1.000	11.700	3.105	0.000	0.000	36.329	-
iv	ROAD TOP	1.000	5.200	4.500	0.000	0.000	23.400	-
v	ROAD TOP	1.000	3.400	4.375	0.000	0.000	14.875	-
Total Quantity					141.6535 Sqm (Sqm)		141.6535 Sqm (Square Meter)	
Amount					141.6535 X 627.7326		88920.52	

Total Amount (A) : 116150.58

Additional Components			
#	Item Name	Remark	Amount (in Rs.)
1	Provision for Contingency @ Rs.1438	-	1438
2	Display Citizen Board @ Rs.1000	-	1000
3	Any Other Lumpsum @ Rs.25199	-	25199
Additional Components Amount (F) : 27637			

Grand Total Amount (A + F) : 143787.58280223

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