

## Detailed Estimate

**OD/354/3382/117952/412633/00073138 : CONSTRUCTION OF PAVER ROAD FROM OLD UP SCHOOL TO THAKURANI  
TEMPLE ROAD AT VENKATRAIPUR  
Block : Rangeilunda, Gram Panchayat : Boxipalli  
Created By:SUJIT KUMAR SETHI**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
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	Cut off Wall	1.000	78.000	0.750	0.500	0.000	29.250	-
ii		2.000	94.000	0.750	0.660	0.000	93.060	-
iii		1.000	96.000	0.750	0.660	0.000	47.520	-
iv	both end	2.000	11.000	1.000	0.660	0.000	14.520	-
<b>Total Quantity</b>					184.35 Cft (Cubic Foot)		5.22020208 Cum (Cubic Meter)	
<b>Amount</b>					5.22020208 X 240.77592		1256.90	
<b>2. Earth Work (AR0115a) : Filling foundation and plinth with crusher dust well watered and rammed</b>								
Filling foundation and plinth with crusher dust 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	Road Base filling	1.000	78.000	10.500	0.330	0.000	270.270	-
ii		1.000	94.000	10.000	0.330	0.000	310.200	-
iii		1.000	96.000	10.500	0.330	0.000	332.640	-
<b>Total Quantity</b>					913.11 Cft (Cubic Foot)		25.856353248 Cum (Cubic Meter)	

<b>Amount</b>						<b>25.856353248 X 725.132732</b>	<b>18749.29</b>	
<b>3. Concrete (AR0307) : Cement concrete (1:2:4)with 12mm size hard broken granite chips per 1cum</b>								
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	Cut off Wall	1.000	78.000	0.750	1.080	0.000	63.180	-
ii		2.000	94.000	0.750	1.250	0.000	176.250	-
iii		1.000	96.000	0.750	1.250	0.000	90.000	-
iv	Both end	2.000	11.000	1.000	1.250	0.000	27.500	-
Total Quantity					356.93 Cft (Cubic Foot)		10.107115424 Cum (Cubic Meter)	
<b>Amount</b>						<b>10.107115424 X 7369.54757154</b>	<b>74484.87</b>	
<b>4. R.C.C. Work (AR0410c) : R.C.C. foundation , plinth band and footings bases of columns mass concrete precast slabs etc</b>								
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	Cut off Wall	2.000	78.000	0.000	0.580	0.000	90.480	-
ii		4.000	94.000	0.000	0.580	0.000	218.080	-
iii		2.000	96.000	0.000	0.580	0.000	111.360	-
iv	Both end	4.000	11.000	0.000	0.580	0.000	25.520	-
Total Quantity					445.44 Sft (Square Foot)		41.38271232 Sqm (Square Meter)	
<b>Amount</b>						<b>41.38271232 X 216.39264180804</b>	<b>8954.91</b>	

**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	Paver laying on Road	1.000	78.000	10.500	0.000	0.000	819.000	-
ii		1.000	94.000	10.000	0.000	0.000	940.000	-
iii		1.000	96.000	10.500	0.000	0.000	1008.000	-
<b>Total Quantity</b>					2767 Sft (Square Foot)		257.062601 Sqm (Square Meter)	
<b>Amount</b>					257.062601 X 653.5116		167993.39	
<b>Total Amount</b>							271439.36	
<b>Addition</b>								
Provision for Contingency (+) @								
Display Citizen Board (+) @							1000.00	
Any Other Lumpsum (+) @							27560.50	
Provision for survey investigation and quality control (+) @								
<b>Total Addition</b>							28560.50	
<b>Grand Net Total Amount</b>							299999.86	

**SUJIT KUMAR SETHI**  
JE  
Rangeilunda Block

**SRI NABIN BHUYAN**  
AEE  
Rangeilunda Block

**BISWAJIT RAY**  
BDO  
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