

2nd and final bill

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Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Const. of road from PWD road to Bariga to 19.					
Agency: Jyoti Kumar, West Champ					
Agreement No. 94582/2020-21					
Date of start: 27/06/2020					
Date of completion:					
Agreement Amount: Rs. 7458765.20					
Revised measurement					
1 Const. of Granule Sub-base					
	1 X	20.00	4.05	0.20	16.20 m ²
	2 X	27.00	$\frac{(5.6 + 4.05 + 4.05)}{2}$	0.20	8.32 m ²
	7 X	26.80	$\frac{(9.05 + 4.98 + 4.05 + 4.05 + 4.05 + 4.05 + 4.05)}{7}$	0.20	11.80 m ²
	1 X	1.00	4.05	0.20	0.81 m ²
less cutback					
	Total				35.58 m ²
2 Const. of WBP Gr-18					
	1 X	20.00	3.75	0.075	5.63 m ²
	2 X	21.50	$\frac{(5.20 + 3.75 + 3.75)}{2}$	0.075	2.38 m ²
	7 X	22.00	$\frac{(3.75 + 4.55 + 3.75 + 3.75 + 3.75 + 3.75 + 3.75)}{7}$	0.075	4.62 m ²
	1 X	1.00	3.75	0.075	0.28 m ²
less cutback					
	Total				12.25 m ²
Signed by					
25/11/20					
or					

Continuation

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Round means</u>					
1. <u>Providing & Laying Prime Coat</u>					
	27	30.00	3.75		3037.50 m ²
	1	20.00	3.75		75.00 "
	2	21.92	$\left(\frac{5.2+3.75}{2}-3.75\right)$		31.78 m ²
	7	22.00	$\left(\frac{3.75+4.85+3.75}{3}-3.75\right)$		61.60 "
				Total	3205.88 m ²
2. <u>Providing & Laying First Coat (1st)</u>					
	27	30.00	3.75		3037.50 m ²
	1	20.00	3.75		75.00 "
	2	21.92	$\left(\frac{5.2+3.75}{2}-3.75\right)$		31.78 "
	7	22.00	$\left(\frac{3.75+4.85+3.75}{3}-3.75\right)$		61.60 "
				Total	3205.88 m ²
3. <u>Providing Laying and rolling Close graded premix</u>					
	27	30.00	3.75		3037.50 m ²
	1	20.00	3.75		75.00 "
	2	21.92	$\left(\frac{5.2+3.75}{2}-3.75\right)$		31.78 "
	7	22.00	$\left(\frac{3.75+4.85+3.75}{3}-3.75\right)$		61.60 "
				Total	3205.88 m ²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4 Cost of Survey and certain Shoulder					
	2 X 27	30.00	X 1.295	X 0.075	= 157.34 m ²
	2 X 1 X 20.00		X 1.295	X 0.075	= 3.88 "
	Total =				161.22 m ²
5 Prov. ordinary kilometer					= 1 km.
6 Prov. 200m Stone post					= 4 km.
7 Prov. boundary pillar					= 8 km.
8 Prov. 200m Stone post					
	2 X 1 X 6.20		X 1.80		= 22.32 m ²
9 Prov. of 1000 sq ft of Kew Park Compound					
	2 X 27	30.00	X 0.10		= 162.00 m ²
	2 X 1 X 20.00		X 0.10		= 4.00 "
	Total =				166.00 m ²
10 Prov. of 1000 sq ft of Soil					= 2 km.
11 Prov. irregular Soil					= 6 km.
12 Prov. rectangular Soil					= 2 km.
13 Prov. irregular Soil					= 2 km.
14 Prov. of 1000 sq ft of H.R.					
	3 X 3 X 2.50				= 22.50 m ²
15 Planting of tree					= 84 km.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<i>Ex</i>					
		<i>Earth work quantity</i>			
		<i>Area</i>	<i>Mean Area</i>		<i>Volume</i>
		<i>m²</i>	<i>m²</i>		<i>m³</i>
0	4.351		-		
50	5.338		4.845		242.25
100	5.928		5.638		281.90
150	6.129		6.034		301.675
200	5.354		5.742		287.075
250	5.806		5.580		279.00
300	6.155		5.981		299.025
350	6.301		6.228		311.40
400	5.060		5.681		284.025
450	5.002		5.031		251.550
500	5.054		5.028		251.40
550	5.126		5.090		198.975
600	2.833		3.980		259.500
650	2.846		2.840		141.975
700	2.826		2.836		198.975
750	7.658		5.242		141.820
800	7.066		7.362		268.100
830	4.879		5.973		262.100
			Total :		4335.90
			Say :		4336.00
<i>Deduct</i>					
		<i>W.B.M. Gr. etc.</i>			240.16 m ³
		<i>G.S.S.</i>			691.60 m ³
		<i>Cut grade</i>			2642.92 m ³
<i>Qty in earth m. ally.</i>					961.22
					761.22

Continuation

Continuation

Abstract of cost of final bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Const of carry BM side TMD					
1/2 km = 0.830 km @ Rs 11721.58					
1/2 km					Rs 9729.00
2/2 Const of R. pillar side TMD					
1/2 km = 0.830 km @ Rs 13060.82					
1/2 km					Rs 10840.00
3/2 Clearing & grading side TMD					
1/2 km = 0.25 km @ Rs 51133.78					
1/2 km					Rs 12783.00
4/4 Const of embankment					
1/2 km 1000 wide TMD by 15.					
228.37 m ² @ Rs 202 = 544.70					Rs 46249.00
5/5 Const of subgrade side TMD					
8 + 13 = 2481.70 + 161.22					
Total = 2642.92 m ² @ Rs.					
204 = 16/m ²					Rs 539579.00
6/6 Const of embankment ... side					
TMD by 15 = 532.85 m ²					
@ Rs 167 = 41/m ²					Rs 89204.00
7/9 Const of G.S.D side TMD by					
8 + 11 = 656.10 m ² + 35.53 m ²					
Total = 691.66 m ² @ Rs 3725 = 84/m ²					Rs 2577028.00
8/10 Prov. for carrying spreading side					
TMD by 8 + 11 = 227.81 m ² +					
12.35 m ² Total = 240.16 m ² @					
Rs 4562.37/m ²					Rs 1095699.00

Total Rs 43,81,111.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{9}{11}$ Prov. & appl. 1/4 y. primer coat					
vide TMD pgs 12 = 3205.88 m ² @					
Rs. 45.02/m ²				Rs	144329.00
$\frac{10}{12}$ Prov. & appl. 1/4 y. floor coat & vide					
TMD pgs 12 = 3205.88 m ² @					
Rs. 20/m ²				Rs	49050.00
$\frac{11}{12}$ Prov. mix sand surface vide					
TMD pgs 12 = 3205.88 m ² @					
Rs. 238.05/m ²				Rs	763160.00
$\frac{12}{16}$ Prov. ordinary kiln etc vide					
TMD pgs 13 = 1 m ² @					
Rs. 2693/m ²				Rs	2693.00
$\frac{13}{17}$ Prov. 20mm stone post vide					
TMD pgs 13 = 4 m ² @					
Rs. 675.87/m ²				Rs	2703.00
$\frac{14}{18}$ Prov. boundary pillar vide TMD					
pgs 13 = 8 m ² @ Rs 530.4/E				Rs	4240.00
$\frac{15}{19}$ Prov. painting two coats vide TMD					
pgs 13 = 22.22 m ² @ Rs 97.96/m ²				Rs	2186.00
$\frac{16}{21}$ Prov. & laying road/marginal					
TMD pgs 13 = 166.40 m ² @					
Rs. 735.44/m ²				Rs	122083.00
$\frac{17}{23}$ Prov. & fixing Marginal boundary					
TMD pgs 9 = 2 m ² @ Rs 11731.25					
/ each				Rs	23463.00

Total Rs 5495018.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18 24 Prov. & fixing Maintenance Cont					
vide TMB No 13: 2 nos @ Rs					
11731249/Each				Rs	23463 ~
19 25 Prov. for angular sand vide TMB					
No 13: 6 nos @ Rs 3649:75/Each				Rs	21899 ~
20 27 Prov. for rectangular sand vide					
TMB No 13: 2 nos @ Rs 4288:33					
/Each				Rs	8577 ~
21 28 Prov. for octagonal sand vide					
TMB No 13: 2 nos @ Rs					
8245:40/Each				Rs	16491 ~
22 29 Prov. for clay sand vide TMB					
No 13: 2 nos @ Rs					
Rs 843:68/m				Rs	18983 ~
23 30 Planting of tree vide TMB					
No 13: 89 nos @ Rs 819:92/Each				Rs	68873 ~
24 31 Earth work vide TMB					
3. 16.068 m ² reduced to 1582 m ²					
@ Rs 269:32/m ²				Rs	4261 ~
25 32 Sand filling vide TMB					
8 = 1.266 m ² @ Rs 400:55/Each				Rs	507 ~
26 34 Prov. for M15 vide TMB					
No 9: 0.90 m ² @ Rs 6877:13/m ²				Rs	6189 ~
27 35 Prov. for RCC M-25 vide TMB					
No. 6: 14.70 m ² reduced to					
814.64 m ² @ Rs 8473:58/m ²				Rs	124053 ~

Total Rs 5788314 ~

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{28}{40}$ Back filling side TMD by					
9 = 7.20 m ² R 2559.54 m ² R					25629~
$\frac{28}{44}$ for deep hole side TMD by					
9 = 10.00 m ² R 83.11 m ² R					831~
$\frac{30}{45}$ pro. Supplying filling Hy-Dam					
side TMD 9 = 1.08 m ² R					
46333475/MT					R 50069~
					Total R 5864840~
Add 12x GST					R 703781~
Add 1x 1-cen					R 58648~
					Total R 662~
Add S.L.					R 69732~
					Total R 6697004~
less 1.10% as per agent R					73667~
					Total R 6623337~
Report by					
58/9/17					
Certified that the work has been completed as per specification & nothing is due against the					
Report by					
58/9/17					
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