

365

Khap to PMSY road to khat
Babuan to (PMSY-SC)

Measurement Book

Schedule XLV-Form No. 134

Baahka-2

DIVISION

Bahga

SUB-DIVISION

Rudra Triba Solutions & Structures.

6th
4th and final bill

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: Const. of road from Khap talis to PMGSY road to Khap Babusan talis					
Agency: Rectors infra solutions & Structures prop, West Champaran					
Agreement No.: 37580 of 20-24					
Date of Start: 01/06/2020					
Agreement Area: Rs. 19133586					
Date of Confusion: 31/05/2024					
Date of Actual Confusion: 20/03/2024					
<u>Revised Measurements</u>					
1. Construction of granular sub-base					
	2 X	30.00	4.050×0.20		48.60 m ²
	2 X	27.00	$\frac{(5.5740 - 4.05)}{2} \times 0.20$		7.83 m ²
	1/2 X	27.00	$\frac{(4.05 + 5.5740)}{2} \times 0.20$		27.00 m ²
			Total		83.43 m ²
2. Providing, laying, spreading WBM Gr 1b					
	2 X	30.00	3.75×0.075		16.875 m ²
	2 X	25.00	$\frac{(5.7375 - 3.75)}{2} \times 0.075$		2.34 m ²
	1/2 X	25.00	$\frac{(3.75 + 5.7375)}{2} \times 0.075$		9.72 m ²
			Total		28.935 m ²

Rep'd to 11 Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Revised measurement</u>					
1. Providing and applying Primer					
Cost (S-1)					
	64	30.00	3.75		= 7200.00 m ²
	1	15.00	3.75		= 56.25 m ²
	2	27.00	$\frac{5.6 + 3.75}{2}$		
			3.75		= 49.95 m ²
	12	27.00	$\frac{3.75 + 5.30 + 3.75}{3}$		
			3.75		= 167.40 m ²
			Total		7473.60 m ²

AlgebraicRevised measure

1. Providing and applying tile					
Cost (R-5-1)					
	64	30.00	3.75		= 7200.00 m ²
	1	15.00	3.75		= 56.25 m ²
	2	27.00	$\frac{5.6 + 3.75}{2}$		49.95 m ²
	12	27.00	$\frac{3.75 + 5.30 + 3.75}{3}$		167.40 m ²
			Total		7473.60 m ²

2. providing, laying and rolling
Premix Carpetting

	64	30.00	3.75		= 7200.00 m ²
	1	15.00	3.75		= 56.25 m ²
	2	27.00	$\frac{5.6 + 3.75}{2}$		49.95 m ²
	12	27.00	$\frac{3.75 + 5.30 + 3.75}{3}$		167.40 m ²

Total = 7473.60 m²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 Prov. fixing ordinary iron swn.					2 m ²
2 Prov. iron wire post					8 m ²
5 Prov. boundary pillar					24 m ²
6 Paving for wall					
		2 x 3	6.20 x 1.50		66.56 m ²
2 Providing and laying road marking					
	2 x	64.00	30.00	0.10	384.00 m ²
	2 x	15.00	20.00	0.10	50.00 m ²
			Total		382.00 m ²
5 Prov. fixing regular pool					14 m ²
9 Prov. & fixing red granite sand					2 m ²
10 Prov. & fixing octagonal sand					2 m ²
11 Planting of tree					190 m ²
12 Construction of Sussurra and earthen shoulder					
	1 x	15.00	248	0.32	35.90 m ³
	2 x	64	1.49 x 39.00	0.20	1144.32 m ³
	2 x 1 x	15.00	1.49 x 0.200		8.94 m ³
	2 x	64	20.00 x 1.235	0.075	372.96 m ³
	2 x 1 x	15.00	1.235 x 0.075		2.91 m ³
			Total		1565.03 m ³
13 Providing & laying gravel for					
	7 x	3 x 2.50			52.50 m ²
Ally to the					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Recd mcnr					
↓ provided and by Ball					
of					
	2x2x9.4x2.4x0.35				37.00 m ³
	Earth work quantity				
Ch	Area	Mean Area		Volume m ³	
0	2.415	-		0.00	
50	7.457	4.923		246.650	
100	5.415	6.423		321.610	
150	10.458	7.927		356.835	
200	6.524	8.431		424.550	
250	7.421	6.923		348.625	
300	6.985	7.203		360.150	
350	7.458	7.222		361.075	
400	5.632	6.545		327.250	
450	10.120	7.876		393.800	
500	8.958	9.529		476.910	
600	7.451	8.205		410.205	
650	9.854	8.653		422.625	
700	8.461	9.158		457.875	
750	0.00	4.237		211.525	
800	0.00	0.00		0.00	
850	8.748	4.374		209.952	
900	7.865	8.247		415.325	
950	10.854	9.360		462.975	
1000	8.457	9.652		482.625	
1050	0.00	4.226		63.383	
1100	0.00	0.00		0.00	
1150	518	5.410		38.007	
1200	925	10.885		6847.	
				Continuation	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Part 1					
0	6.451	8.635			0.00
50	7.458	6.835			342.225
100	9.748	8.603			430.150
150	7.526	8.637			421.850
200	8.412	7.969			398.450
250	6.852	7.632			301.600
300	9.859	8.358			417.775
350	7.201	8.530			426.520
400	6.032	6.617			330.825
Part 2					
0	0.00	3.016			0.00
50	6.855	3.430			171.475
100					
150	9.853	4.930			246.475
200	7.412	3.706			185.300
250	9.413	8.736			406.788
300	7.415	8.637			431.850
350	8.938	8.105			409.250
400	0.00	4.706			47.063
450	0.00	2.708			18.538
500	8.457	8.705			304.638
550	9.462	4.731			236.530
600	8.780	4.390			153.600
Part 3					
0	0	4.706			0.00
50	5.269	2.683			124.225
100	5.958	5.664			283.175
150	6.426	6.192			305.600
180	6.926	6.676			200.280

Continuation
Total 10939.20 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Deednet</u>					
		WBM Gr 12			559.095 m ²
		G.S.B			1610.28 m ²
		Subgrade			6160.74 m ²
		Total			2609.08 m ²
Earth work land up to					
1000 m					782.72 m ²
Earth work land up to 1000 m					1826.26 m ²
<u>Abstract</u>					
20/3/22					
22					
<u>Material stock</u>					
① Earth = 2298.29 m ² (40.41 m)					
② S. Metal = 105.09 m ² (516.44 m)					
③ Screy material = 6.94 m ² (345.54 m)					
④ Crushed soil = 30.02 m ² (188.41 m)					
⑤ SS-1 = 6.35 m ² (419.54 m)					
⑥ RS-1 = 2.055 m ² (40148.84 m)					
⑦ S-90 = 13.064 m ² (53550.14 m)					
⑧ Stone Aggregate = 201.79 m ² (420.04 m)					
⑨ waste floor = 1136 kg					
<u>Abstract</u>					
20/3/22					
22					

Abstract of cost of final bill

29

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/4 Const of working inside Ties					
1/4 pro 20: 1.94 m @ Rs 12198.55/m					Rs 23665.~
2/4 Const of R. pillars side Ties					
1/4 pro 20: 1.94 m @ Rs 13512.88/m					Rs 26380.~
3/4 Cleary & grading side Ties 1/4 pro					
20: 0.58 m @ Rs 51123.78/m					Rs 29658.~
4/4 Const of embankment - Road of 10 m wide					
side Ties 1/4 pro 20: 782.72 m					
to 738.41 m @ Rs 202.52/m					Rs 149543.~
5/4 Const of subgrade and earth					
Shoulder side Ties 1/4 pro 20:					
4555.71 m + side Ties 1/4 pro					
25 = 1565.03 m Total 6160.74 m					
@ Rs 204 = 16/m					Rs 12,57,777.~
6/4 Const of embankment - Road up to					
10 m wide Ties 1/4 pro 20: 1826.36 m					
normal D 1722.95 m @ Rs					
167 = 61/m					Rs 288439.~
7/4 Const of G.S.B side Ties					
1/4 pro 20 + 23 = 1526.85 m					
83.43 m Total = 1610.28 m					
@ Rs 3998.92/m					Rs 6439381.~
8/4 Poor, laying, spreading 10 m wide					
side Ties 1/4 pro 20 + 23 =					
530.16 m + 28.925 m Total					
559.085 m @ Rs 4892.30/m					Rs 2721266.~

Continuation Total Rs 109,50,719.~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{9}{11}$ Prov. and applying Primer Coat					
vide TMD figs 24 = 7473.60 m ²					
@ Rs 45 = 14/ m ²					Rs 337358 = ~
$\frac{10}{12}$ Prov. and applying fair coat side					
TMD figs 24 = 7473.60 m ² @ Rs					
15 = 34/ m ²					Rs 114645 = ~
$\frac{11}{13}$ Prov. laying Primer & side					
TMD figs 24 = 7473.60 m ² @					
Rs 244 = 45/ m ²					Rs 1826922 = ~
$\frac{12}{15}$ Prov. ordinary kilometer					
vide TMD figs 25 = 2 nos @ Rs					
2782 = 53/ Km					Rs 5565 = ~
$\frac{13}{17}$ Prov. 2 nos stone side TMD fig					
Rs 25 = 8 nos @ Rs 68 = 95/ Km					Rs 5535 = ~
$\frac{14}{18}$ Prov. boundary filled side					
TMD figs 25 = 2 nos @ Rs					
537 = 45/ Km					Rs 12899 = ~
$\frac{15}{19}$ Prov. two coats vide TMD					
figs 25 = 66.96 m ² @ Rs 97 = 95/ m ² Rs					6559 = ~
$\frac{16}{21}$ Prov. & laying road marking					
vide TMD figs 25 = 382 m ²					
@ Rs 735 = 44/ m ²					Rs 284615 = ~
$\frac{17}{23}$ Prov. & fixing MM 8 by 5 ft					
vide TMD figs 20 = 2 nos @ Rs					
11827 = 20/ each					Rs 23654 = ~
$\frac{18}{24}$ Prov. & fixing Maindara 60 - 1 m					
TMD figs 21 = 2 nos @ Rs 11827 = 20/ each					Rs 23654 = ~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19 25 Pm f long rectangular land					
Area by 25 = 14 m x 2 m					
3694.20 / Ea				R	51719.00
20 25 Pm f long rectangular land					
Area by 25 = 2 m x 2 m					
4330.18 / Ea				R	8660.00
21 25 Pm. Octagonal land					
Area by 25 = 2 m x 2 m					
889.50 / Ea				R	16579.00 46120.00
22 25 Pm. 4 long rectangular land					
Area by 25 = 52.50 m x 2 m					
881.20 / Ea				R	46720.00
23 30 Rect of free vide					
Area by 25 = 190 m x 2 m					
819.50 / Ea				R	155785.00
24 31 Earth work excavate vide					
Area by 212 120.26 m x 2 m					
269.20 / Ea				R	32988.00
25 32 Sand fully vide					
Area by 212 6.27 m x 2 m					
400.50 / Ea				R	2512.00
26 34 Pm. pre mix vide					
Area by 212 8.46 m x 2 m					
7207.40 / Ea				R	60975.00
27 35 Pm. 10 m x 2 m vide					
Area by 212 60.06 m x 2 m					
8838.05 / Ea				R	530816.00
28 40 Back fully vide					
Area by 212 36 m x 2 m					
7832.57 / Ea				R	137873.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
28/41 from weep hole into Pond 1/2					
21/2 50 nos. R.Rs 81 = 11/each R.Rs					4156 ~
30/42 from clay up 500 lbs of the					
into Pond 1/2 28 = 37.80 m ² R.Rs					
4800 = 90/1/2					R 181776 ~
31/42 Supply, fitting & laying					
Hydro for into Pond 1/2 21.					
4.30 m ² R.Rs 46508.64/m ²					199,992 ~
					Total R 15022171 ~
Add 12% G.S.					R 1802661 ~
Add 1% (as -)					R 150222 ~
Add S.R.					R 169140 ~
					Total R 17144.194 ~
less 0.09% as per agreement					15430 ~
					Total R 17128764 ~
less paid Amount					R 12832726 ~
					Total R 4296,038 ~
Accepted					
20/3/22					
SL					