

Project — Construction & S&M Maintenance of Road.
from Dinkarnagar - 3e Loc 23 In Nagaur District.
(under PMBSY (8th))

Schedule XLV-Form No. 134

Contract — Sanjay Kumar

DIVISION

Ag No: — 21/SBD/2020-21

SUB-DIVISION

dt 31/10/2021 — 31/10/21

MEASUREMENT BOOK

MPB No: - 1196

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work: <u>Constn. of 5th year Maints</u>					
<u>of road from Dinkar Nagar</u>					
<u>Sc 2023 in Masaurhi</u>					
<u>Block Undermining</u>					
Name of Agency: <u>Sri Sangay Kumar</u>					
<u>Sati Asthan, Masaurhi</u>					
<u>Pabra</u>					
Agreement No. <u>21/SBD/2020-21</u>					
Date of start <u>18-09-2020</u>					
Date of completion <u>17-09-2021</u>					
<u>Measurement</u>					
1. Constn. of embankment with					
<u>approved materials - - G2</u>					
<u>2x 25.00 x 6.50 x 0.30 = 97.50 m³</u>					
(a) with 100m level					
<u>97.50 x 0.70 = 68.25 m³</u>					
(b) with 100m level					
<u>97.50 x 0.30 = 29.25 m³</u>					
2. Constn. of earthen sub-					
<u>grade with - - G2</u>					
<u>7x 25.00 x 6.50 x 0.30 = 357.00 m³</u>					
<u>1x 10.00 x 1.00 x 0.20 = 2.00 m³</u>					
<u>2x 35.00 x 0.57 x 0.10 = 3.99 m³</u>					
<u>3x 25.00 x 1.48 x 0.20 = 22.20 m³</u>					
<u>3x 25.00 x 1.48 x 0.075 = 8.32 m³</u>					
<u>2x 35.00 x 0.57 x 0.075 = 2.99 m³</u>					
<u>= 396.50 m³</u>					

Continuation

= 396.50 m³

Sch. XLV Form No. 154					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Filling in ft. and benches with - - - GI					
	4	25.00	5.10	0.150	76.50 m ³
	1	25.00	4.00	0.125	12.50 m ³
					<u>89.00 m³</u>
4. Proo. and applying primer coat with - - - GI					
	1	5.00	3.90 + 3.70		19.00 m ²
	1	20.00	3.70 + 3.80		75.00 m ²
	2	8	25.00	3.75 + 3.75	2625.00 m ²
	4	0	25.00	3.75 + 3.75	3750.00 m ²
	2	0	25.00	0.62	310.00 m ²
					<u>6779.00 m²</u>
5. Proo. and applying tack coat with Bitumens - - - GI					
Area same as item No. 4 PM 29 marked "X" = 6779.00 m ²					
6. Proo. laying and rolling of close graded - - - GI					
Area same as item No. 4 PM 29 of item marked "X" = 6779.00 m ²					
7. Construct Un-reinforced Cement concrete with pavement - - - GI					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x6.00x		11.00	5.50	0.160	= 7.92m ³
1x12.00x		5.50	5.00	0.160	= 10.08m ³
1x7.00x		5.00	4.00	0.160	= 5.04m ³
3x25.00x		3.70	3.80	0.160	= 45.00m ³
Near at 1x7.00x		3.80	5.60	0.160	= 5.26m ³
Link-1x7.00x		5.60	5.30	0.160	= 6.10m ³
1x2.00x		5.30	4.00	0.160	= 1.48m ³
1x9.00x		4.00	3.70	0.160	= 5.24m ³
5x25.00x		3.70	3.80	0.160	= 75.00m ³
Near at HP- 1x5.00x		3.80	5.00	0.160	= 3.52m ³
1x4.00x		5.00	3.90	0.160	= 2.84m ³
1x16.00x		3.90	3.80	0.160	= 9.85m ³
17x25.00x		3.80	3.70	0.160	= 255.00m ³
1x12.00x		3.70	3.90	0.160	= 7.29m ³
1x22.00x		3.90	3.70	0.160	= 13.37m ³
1x5.00x 1x5.00x		5.50	4.60	0.160	= 4.04m ³
1x5.00x		4.60	3.70	0.160	= 3.32m ³
4x25.00x		3.70	3.80	0.160	= 60.00m ³
2x25.00x		3.80	3.70	0.160	= 30.00m ³
1x6.00x		3.70	3.70	0.160	= 3.60m ³
Total from- 1x10.00x		3.70	3.70	0.160	= 6.00m ³
					= 560.25m ³
8. P. 00. Current concrete MIS					
Kilometers for - EI					
					4 Nos.
9. P. 00. 200m stone with - EI					
					10 Nos.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. Pro. & fixing of 400 Reflections mandatory & intermediate - 100. 600mm circular 4 Nos.					
11. Pro. & fixing of equilateral - triangle (4 Left & Right) - 2					2 Nos.
12. Pro. & fixing of 600mm x 50mm rectangulars - - - 62					2 Nos.
13. Pro. & laying of Hot thermo plastic - - - 62					
					$2 \times 69 \times 25 \times 0.100 = 345 \text{ cm}^2$
					$= 345 \text{ cm}^2$
14. Pro. and laying of hot thermo plastic Compound - - 62					
					$2 \times 36 \times 25 \times 0.10 = 180 \text{ cm}^2$
					$2 \times 1 \times 10 \times 0.10 = 2 \text{ cm}^2$
					$= 182 \text{ cm}^2$
15. Planting of trees by road side with - - 62					
					$2 \times 86 = 172 \text{ Nos.}$
16. Pro. and fixing of typical masonry - - - 62					
					3 Nos.
					$27107/2021$
					28/07/21
					28/07/21
					28/07/21

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Materials Statement</u>					
DE/work -				474.00 m ³	
(i) Sand -				89.00 m ³	
(ii) Stone metal -				20.44 m ³	
(iii) Local Sand -				33.40 m ³	
(iv) Emulsion SS -				5762.15 kg	
(v) Emulsion RS -				1864.23 kg	
(vi) Bitumen -				12880.10 kg	
(vii) Stone chips -				687.26 m ³	
(viii) Coarse Sand -				292.78 m ³	
Approved 27/10/2021 SA 					

Abstract of cost

1. Pro. and fixing of - - - GL					
Vide item No 1 PM 21					
2.60 Km @ ₹ 3805.17/Km = ₹					9893200
2. Pro. and fixing of - - - GL					
Vide item No 2 PM 21					
2.60 Km @ ₹ 1739.44/Km = ₹					4523200
3. Clearing and grubbing - - - GL					
Vide item No 3 PM 21					
0.780 Ha @ ₹ 52970.33/Ha = ₹					41317200
4. Excavation for road way					
in soil with - - - GL					
Vide item No 4 PM 21					
21.00 m ³ @ ₹ 75.57/m ³ = ₹					1587200

Continuation

₹ 57320200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF. 7	57320.00
5. Constn of embankment with materials — — —					
1287.20m ³ Vide item No-5 PM-21					
68.25m ³ Vide item No-1 PM-28					
1352.45m ³ @ ₹ 190.57/m ³ = ₹					258308.00
6. Constn of embankment with materials obtained 10m — — —					
309.30m ³ Vide item No-6 PM-21					
29.25m ³ Vide item No-1 (5) PM-28					
338.55m ³ @ ₹ 153.66/m ³ = ₹					52022.00
7. Constn of subgrade and earthen shoulders — — —					
5242.71m ³ Vide item No-7 PM-22					
396.50m ³ Vide item No-2 PM-28					
5939.21m ³ @ ₹ 192.25/m ³ = ₹					1141813.00
8. Filling in the trenches as per direction of G.E.R.W.D.W. Masaurhi — — —					
1692.25m ³ Vide item No-8 PM-22					
89.00m ³ Vide item No-3 PM-29					
1781.25m ³ @ ₹ 1924.09/m ³ = ₹					3427285.00
9. Constn of C.S. B. with well graded — — —					
Vide item No-9 PM-22					
1403.82m ³ @ ₹ 2440.06/m ³ = ₹					3425478.00
				₹	8362226.00

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				1312576987 ⁰⁰	
				1315811 ⁰⁰	
16. Constn of Unreinforced					
Current Concrete - G.I.					
Vide Item No-7 PM-30					
560.25m ³ @ ₹ 6204.47/m ³ = ₹					3476054 ⁰⁰
17. Proo. Current Conrete MIS					
In Kilometer for Stone G.I.					
Vide Item No-8 PM-30					
4 Nos. @ ₹ 2082.05/Each = ₹					8340200
18. Proo. 200 ms stone G.I.					
Vide Item No-9 PM-30					
10 Nos. @ ₹ 584.30/Each = ₹					5843 ⁰⁰
19. Proo. affixing of 60 mm rd					
Circular - - - G.I.					
Vide Item No-10 PM-31					
4 Nos. @ ₹ 4606.30/Each = ₹					18425200
20. Proo affixing of equilateral					
triangular - - - G.I.					
Vide Item No-11 PM-31					
2 Nos. @ ₹ 5089.48/Each = ₹					10179200
21. Proo affixing of 60x450 mm					
rectangular - - - G.I.					
Vide Item No-12 PM-31					
2 Nos. @ ₹ 4480.92/Each = ₹					8962200
22. Proo. laying of Hot applied G.I.					
Vide Item No-13 PM-31					
345.00m ² @ ₹ 721.95/m ² = ₹					249073200

Continuation

₹ 1635386520

₹ 17692687200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bf. ₹ 16353865.00	
				17072687.00	
23. Pro. & laying of 110 applied thermoplastic - - - EI					
				Vide item No 14 PM 31	
182.00 m ² ₹ 721.95/m ² ₹ 131395.00					
24. Planting of trees by the road side - - - EI					
				Vide item No 15 PM 31	
172 Nos. ₹ 842.62/Each ₹ 144931.00					
25. Pro. & laying of 300 mm cement pipe for duct - EI					
				Vide item No 32 PM 25	
75.00 m ₹ 836.66/m ₹ 62750.00					
26. Pro. & Erection direction and place identification EI					
				Vide item No 33 PM 26	
1 Nos. ₹ 11334.54/Each ₹ 11335.00					
27. Pro. and fixing of typical of intermentary - - - EI					
2 Nos. Vide item No - 34 PM 26					
3 Nos. Vide item No - 16 PM - 31					
5 Nos. ₹ 10866.17/Each ₹ 54331.00					
28. E/work in excavation for fdh - - - EI					
				Vide item No 13 PM 23	
29.80 m ³ ₹ 279.09/m ³ ₹ 8317.00					
				₹ 16766924.00	
Continuation				₹ 17505746.00	

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
29. Pro. P.C.C. M/S. 1st flr. L.I.					13.226
					175.574
29. Pro. Vitrification 14/11/23					
2.96m ² CE	4797	36/m ²			142m ²
30. Pro. Concrete of platform					
30.61m ² CE	5324	24/m ²			162993
31. Pro. and length of N.P.C.					
Hand pillar					
7.50m ² CE	3584	30/m ²			26.852m
32. Vitrification from center					
105.84m ² CE	1007	1/m ²			10602m
33. E/100K S. ex. carb. m CE					
190.84m ² CE	279	92/m ²			53262m
34. Sand filling 16 ft. - E.D.					
4.034m ² CE	1924	09/m ²			7762m
35. Pro. P.C.C. M/S. 1st flr. E.D.					
27.31m ² CE	4797	36/m ²			131016m
36. Brick masonry wall - E.D.					
104.34m ² CE	5425	89/m ²			566137m

Continuation

~~177739798m~~
 ₹ 1847860000

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13.77 177.29778200
					1847860000
37. Brick masonry work					
In Cement					62
					Video Item No-22 PM-24
53.32m ³	3e	5660.59/m ³	27		301823200
38. Proo. plain/Reinforced Cement					
Concrete in sub-str					62
					Video Item No-23 PM-24
8.858m ³	27	5525.13/m ³	27		48931200
39. Proo. Bitumen painting					
over top					62
					Video Item No-24 PM-24
30.00m ²	27	14.73/m ²	27		442200
40. Proo. & laying R.C.C. in					
D/slab (superstr)					62
					Video Item No-25 PM-24
16.02m ³	27	6483.94/m ³	27		103873200
41. S/F/Fot HYSD bar					62
					Video Item No-26 PM-25
1.825m ²	27	52996.68/m ²	27		96719200
42. Proo. and filling joints					62
					Video Item No-27 PM-25
30.00m	27	38.10/m	27		1143200
43. Brick masonry wall					62
					Video Item No-28 PM-25
8.64m ³	27	5617.43/m ³	27		48535200

Continuation

1834124400
1908006600

Continuation

Continued
AM
29/7