

N/Scheme:- Construction & 5 yr maintenance of
Nagsthani to Dayala Tola Nagsthani T
Block Masaurhi (MMBsy General)

Schedule XLV-Form No. 134

Jgm:- 83/SBD/2018-19.

DIVISION

— 21945 :- Sonu Kumar

SUB-DIVISION

— 41470 31hr :- 41470

1064

Measurement Book

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4th on AIC				
Name of work	Construction of 5th year work				
	is found from Nagsthar				
	to Dayal Tola Nag-				
	sthan in Block				
	Masaurhi under				
	M.M. City (G.M.)				
Name of Agency	S.D. Sanu Kumar				
	37, F.E. Colony				
	Talaipur city, Ram				
	Tajpal more, Durgam				
	Palma				
Agreement No.	83/SB.D/2018-201				
Date of start	08-03-2019				
Date of Completion	07-12-2019				
Measurement					
1. Construct Sub grade with					
earthen shoulders - G.D.					
	2x	8x	25.00x	1.10x	0.075 = 33.00m
	2x	8x	25.00x	1.20x	0.20 = 96.00m
	2x	13x	25.00x	1.40x	0.100 = 91.00m
	2x	10x	25.00x	1.10x	0.160 = 88.00m
					= 308.00m
					= 308.00m
2. Paving and applying					
Coat with - - - G.D.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5.80 m x		4.20	$\frac{3.75}{2}$	=	19.87 m ²
20.00 x		2.75	$\frac{3.75}{2}$	=	87.50 m ²
2 x 25.00 x		3.75	$\frac{3.75}{2}$	=	468.75 m ²
1 x 25.00 x		2.75	$\frac{3.75}{2}$	=	95.00 m ²
1 x 20.00 x		3.85	$\frac{3.80}{2}$	=	76.50 m ²
1 x 25.00 x		3.80	$\frac{3.70}{2}$	=	187.50 m ²
					753.87
					= 753.87 m ² x 11
3. Proo. and applying tack					
Coat with — — — — —					
Area Same as above					
2 Nos. — — — — —					
= 753.87 m ²					
4. Proo. laying and rolling of close graded — — — — —					
Area Same as above					
No. 2 Page No. 15					
marked "x" = 753.87					
= 753.87 m ²					
5. Proo. Ordinary KM					
Stone — — — — —					
2 Nos.					
6. Proo. 200 m Stone — — — — —					
2 Nos.					
7. Proo. Fixing of intermediary					
Sign Board — — — — —					
2 Nos.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8. Proc. and laying of 20mm rectangular G.C. Circular - G.M.S.					- 61
9. Proc. & laying of 60mm circular concrete pipe - G.M.S.					- 61
10. Proc. & laying of 60mm x 45mm rectangular - G.M.S.					- 61
11. Proc. and laying of Hot applied thermal insulation - $2 \times 13 \times 25 \times 0.10 = 65 \text{ cm}^2$					- 65
12. Proc. and laying of Hot applied thermal insulation - $2 \times 13 \times 25 \times 0.10 = 65 \text{ cm}^2$					- 65
13. Proc. & laying of Bricks - Selling on end facing - 61					- 61

Prepared by: [Signature] Date: 20/04/2022

Checked by: [Signature] Date: 20/04/2022

Sch. XLV-Form No. 154				Contents of area
Particulars	Details of actual measurement			
	No.	L.	B.	D.
<u>Materials Statement</u>				
① Excavation -			308.00 m ³	
② Emulsion SS -			641.00 kg	
③ Emulsion PS ₁ -			207.21 kg = 200 kg	
④ Bitumen -			1432.35 kg	
<u>Hindustan Petroleum Co. Limited</u>				
<u>Patna - (13674)</u>				
<u>Invoice No - 13674 GI 22000042</u>				
<u>Date - 08-04-2022</u>				
① VG-30 Bitumen -			1456.20 kg	
② Emulsion SS -			800.00 kg	
③ Emulsion PS ₁ -			200.00 kg	
<u>Abstract of cost</u>				
<u>1. Construct reference roadway</u>				
<u>Barbed mesh - - - ET</u>				
<u>Vide item No. 1 PM 11</u>				
<u>0.536 Km c/c 13141.65 Km = ₹ 7044200</u>				
<u>2. Clearing & grubbing of - - ET</u>				
<u>Vide item No. 2 PM 11</u>				
<u>0.27 Hec c/c 49809.13 Hec = ₹ 13448200</u>				
<u>3. Construct embankment of</u>				
<u>Vide item No. 3 PM 11</u>				
<u>159.00 m³ c/c 194.95 m³ = ₹ 30997200</u>				
<u>4. Construct embankment - ET</u>				
<u>Vide item No. 4 PM 11</u>				
<u>371.00 m³ c/c 151.50 m³ = ₹ 56207200</u>				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Materials Statement</u>					
① Devoid -			308.00 m ³		
② Emulsion SS -			641.00 kg		
③ Emulsion Ps -			207.21 kg = 200 kg		
④ Bitumen -			1432.35 kg		
<u>Hindustan Petroleum Co. Limited</u>					
<u>Patna - (13674)</u>					
<u>Invoice No - 13674 GI 22000092</u>					
<u>Date - 08-04-2022</u>					
① V.G. 30 Bitumen -			1456.20 kg		
② Emulsion SS -			800.00 kg		
③ Emulsion Ps -			200.00 kg		
<u>For 08/04/22</u>					
<u>Abstract of cost</u>					
<u>1. Construct reference roadway</u>					
<u>Barach marks - - - 62</u>					
<u>Vide item No. 1 PN 11</u>					
0.536 Km e ²	13141.65	Km =	7044.20		
<u>2. Clearing & grubbing of - 62</u>					
<u>Vide item No. 2 PN 11</u>					
0.27 Hae e ²	49809.13	Hae =	13448.20		
<u>3. Construct embankment - 62</u>					
<u>Vide item No. 3 PN 11</u>					
159.00 m ³ e ²	194.95	m ³ =	3099.72		
<u>4. Construct embankment - 62</u>					
<u>Vide item No. 4 PN 11</u>					
371.00 m ³ e ²	151.50	m ³ =	5620.72		
<u>Continuation</u>					
<u>₹ 107696.20</u>					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				187.1	107,696.00
2. Construct subgrade with					
earth shoulder - 6F					
550.00m ³ Vide item No. 4 PM 13					
308.00m ³ Vide item No. 4 PM 14					
858.00m ³ 194.95/m ² 167,267.20					
3. Construct G.S.B - 6F					
Vide item No. 5 PM 11					
283.67m ³ 2125.76/m ² 611,956.00					
7. Pro. laying spreading &					
Compacting Gr III - 6F					
Vide item No. 6 PM 12					
147.65m ³ 3125.93/m ² 461,544.00					
8. Pro. & applying primer 6F					
Vide item No. 2 PM 15					
753.87m ² 54.64/m ² 41,191.00					
9. Pro. & applying tack coat 6F					
Vide item No. 3 PM 15					
753.87m ² 19.46/m ² 14,670.00					
10. Pro. laying and rolling					
st. close graded - 6F					
Vide item No. 4 PM 15					
753.87m ² 220.60/m ² 166,344.00					
11. Construct Un-rolled - 6F					
Vide item No. 6 PM 11					
201.60m ³ 7334.71/m ² 14,78,678.00					

Continuation

3049,306.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	304	930620
1 ² / ₁₃ Pro. ordinary Kilometer					
Stone with - - -			GI		
Vide item No. -			EPH5		
2 Nos. CF 2361.06/Each =					472200
13/14 Pro. 2cm stone -			GI		
Vide item No. -			EPH5		
2 Nos. CF 673.29/Each =					134720
4/18 Pro. fixing of typical					
intermediate sign -			GI		
1 Nos. Vide item No. -			EPH12		
2 Nos. Vide item No. -			EPH15		
3 Nos. CF 13770.73/Each =					4131200
15/20 Pro. fixing of road-block					
2 sided 60mm circular -			GI		
Vide item No. -			EPH16		
4 Nos. CF 5265.58/Each =					2106200
16/21 Pro. fixing of 60mm					
equilateral triangle -			GI		
Vide item No. -			EPH16		
6 Nos. CF 3870.98/Each =					232200
17/22 Pro. fixing of 60mm					
450mm rectangular -			GI		
Vide item No. -			EPH16		
4 Nos. CF 5122.75/Each =					20491200
					23161462200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	316	146220
82A. Pro. & laying of Hot - applied thermo - - 62					
Vide item No 11 PM 16					
40.00 m ² of 851.80/m ² = ₹					3407220
725. Pro. & laying of Hot - applied - - 62					
Vide item No 12 PM 16					
65.00 m ² of 884.06/m ² = ₹					5746420
					₹ 32529820
Less previous bill					
VT-20 PM 16 = 12.60 ₹ 25736152					
					₹ 57935320
					₹ 57935320
Balance					
20/04/2022					
JE/mr					

Continuation