

Loss to Daman & Diu via Lakshadweep

Schedule XLV-Form No. 134

(MME&SP-4SC)

M.B. No. 1104

Ag. No. - 34533D/19-20

(Key below)

Roadways Shergaon

DIVISION

Ag. Value Rs. - 202.21343L

Mohamud

SUB-DIVISION

Agency - m/s. Meera Khanna's Consult

Measurement Book

28.9.19

40

24.9.2020

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
6th and final Bill.					
Name of work :- Const. of Road from					
Loss to Daman Bigha via					
Domestic pur-					
Head :- MMGSY (SC)					
Agreement No :- 34/SBD/2018-20					
Contractor :- Maa Komali Const.					
At - Shatid Baikunth					
Sukul Nagar, MIG 68 AP.					
Colony, Coaya.					
Date of Work Start :- 28.09.2019					
Date of completion :- 27.09.2020					
Date of Measurement :-					
1. S/F/F HYD has reinforced					
meat in foundation					
$10 \times 6.56 \times 0.39 = 2558.40 \text{ kg}$					
$5055 \times 1.70 \times 0.39 = 3351.47 \text{ kg}$					
5909.87 kg					
$= 5.9099 \text{ M.T.}$					
2. Const. of Un-reinforced					
plain cement concrete					
pavement.					
$1 \times 5.00 \times 9.00 + 3.75 \times 0.16 = 5.10 \text{ m}^3$					
$1 \times 5.00 \times 3.75 \times 0.16 = 3.00 \text{ m}^3$					
8.10 m^3					
3. Const. of sub-grade & earthen					
shoulders.					
$2 \times 21 \times 30.00 \times 1.29 \times 0.16 = 260.06 \text{ m}^3$					
Continuation					
$2 \times 14.00 \times 1.29 \times 0.16 = 5.80 \text{ m}^3$					
265.86 m^3					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty const of granular sub base in road					
W/R	1x10	40x0.08	+5.40	x0.20	=5.40m ³
G. Providing W.B.M. grading III					
W/R	1x10	40x0.60	+5.40x0.075		=2.02m ³
	1x320	x4	+6.00x0.075		=1.20m ³
	4x10	40x0.30x0.075			=0.90m ³
					4.12m ³ .
Ary					
V	18/3/22				
S.E.					

Continuation

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Record Measurement</u>					
1. Providing R.C.C. 190 grade					
in open foundation					
		21	30.00	0.60 x 0.15	= 56.70 m ³
		1	26.20	0.60 x 0.15	= 2.36 m ³
		2 x 21	30.00	0.15 x 0.45	= 85.05 m ³
		2 x 26.20	0.15	0.45	= 3.54 m ³
					147.65 m ³
2. Providing & applying primer					
coat with SS-1					
Rd.		17	30.00	3.75	= 1912.50 m ²
		17	30.00	3.75	= 1912.50 m ²
		16	30.00	3.75	= 1800.00 m ²
		16	30.00	3.75	= 1800.00 m ²
		16	30.00	3.75	= 1800.00 m ²
		1	10.00	3.75	= 37.50 m ²
W/R-		1 x 10.00	0.00 + 5.40		= 27.00 m ²
		1 x 3.20	4.00 + 6.00		= 16.00 m ²
		4 x 10.00	0.30 (W)		= 12.00 m ²
					9317.50 m ²
3. Providing & applying tack					
coat with RS-1					
		Qty. same as item			
		no 2 =	9317.50 m ²		
4. Providing, laying & rolling					
of 20mm thick S.S.					
		Qty. same as item			
		no 2 =	9317.50 m ²		
P.T.O.					
Continuation					

Continuation

Particulars	Details of actual measurement				Content of area
	No.	L.	B.	D.	
12. Providing & laying of that applied thermoplastic compound					
		$2 \times 89 \times 30 \times 0.10$			$= 492 \text{ cm}^2$
		$2 \times 10.9 \times 0.10$			$= 200 \text{ cm}^2$
					494 cm^2
13. Providing & laying of that applied thermoplastic compound					
		$2 \times 92 \times 30 \times 0.10$			$= 132 \text{ cm}^2$
		As per			
		2/5/22			
		J.E.			

The work has been completed as per specification & Measurement

As per
2/5/22
J.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Bitumen & Emulsion purchase</u>					
<u>by contractor:-</u>					
1. Bitumen by Indian oil Corporation					
<u>limited dated 10. Aug. 2020</u>					
Qty. of Bitumen (V.G-10) $\rightarrow$ 21.250 H.T.					
<u>by delivery NO:- 0526303654</u>					
2. Bitumen Emulsion by Mangaliya					
<u>Sales Pvt Ltd. Invoice NO:- MSPL/</u>					
<u>0488/10-20 dated 10.08.2020</u>					
Qty. Emulsion SS-1 $\rightarrow$ 8200 Kg.					
<u>Emulsion RS-1 $\rightarrow$ 3000 Kg.</u>					
As/					
2/5/22					
J.E.					
Material statement.					
1. Soil $\rightarrow$ 265.86 m ³					
2. Stone Aggregate - 401.575 m ³					
3. Stone screening - 0.989 m ³					
4. Coarse sand - 70.088 m ³					
5. Fine sand - 2.07 m ³					
6. Cement - 54.513 H.T.					
7. Reinforcement - 5.9099 H.T.					
8. Emulsion SS-1 = 7.92 H.T.					
9. Emulsion RS-1 = 2.5623 H.T.					
10. Bitumen S-90 = 17.7033 H.T.					
As/					
2/5/22					
J.E.					
Continuation					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of chat.					
1/ Const. of reference					
Working bench marks.					
84y. Wide TMB item.					
no 1 (1) PM 30 = 3.125 km					
CM 894 = 37/km - 1325.607 = 0					
2/ Const. of reference					
Pillars / Burgess.					
84y. Wide TMB item.					
no 1 (1) PM 30 = 3.125 km					
CM 638 = 48/km - 19808 = 0					
3/ Clearing & grubbing of road land.					
84y. Wide TMB item.					
no 2 PM 31 = 2.19 Hect.					
CM 49.739 = 47/Hect - 1.08929 = 0					
4/ Excavation of road					
Warp in road.					
84y. Wide TMB item.					
no 3 PM 31 = 148.67 m ³					
CM 82 = 10/m ³ - 112.192 = 0					
5/ Const. of embankment					
With deposited soil.					
84y. Wide TMB item.					
no 4 PM 31 = 148.67 m ³					
CM 57 = 29/m ³ - 13517 = 0					
6/ Const. of embankment					
With lead 100m.					
CM 10 = 1.75057 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B/E —					1581.46, 646 = 00
Qty. Vado TMB item					
109 Pm 32 = 884.14 m ³					
9 term no 5 Pm 37 = 4.12 m ³					
					888.26 m ³
CM 3560 = 72/m ³ — 153,62,845 ru					
11/ Providing & applying primer coat					
Qty. Vado TMB item					
109 Pm 38 = 9317.50 m ²					
CM 55 = 02/m ² — 15,12,649 ru					
12/ Providing & applying tack coat					
Qty. Vado TMB item					
103 Pm 38 = 9317.50 m ²					
CM 18 = 89/m ² — 11,74,144 = 00					
13/ Providing, laying & rolling of 20 mm thick H.S.S.					
Qty. Vado TMB item					
104 Pm 38 = 9317.50 m ²					
CM 29 = 43/m ³ — 12,44,589 = 00					
14/ Const. of Un-reinforced Plain cement concrete Pavement					
Qty. Vado TMB item					
1010 Pm 32 = 390.00 m ³					
9 term no 9 Pm 36 = 8.10 m ³					
					398.10 m ³
CM 7437 = 56/m ³ — 129,60,893 = 00					

Continuation

40 — 1,69,95,716 = 00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F		01,94,43,316=60
29/ Providing & laying of					
300mm dia. tunnel pipe					
84.4 wide TMB item					
NO 17 PNO 33 = 150.00m					
CB 1007 = 72/m - 01,51,158=60					
30/ Providing 1st class					
bedding					
84.4 wide TMB item					
NO 18 PNO 33 = 34.09m ³					
CB 628 = 83/m ³ - 02,1,437=60					
31/ Providing bed filling					
in tunnel trenches					
84.4 wide TMB item					
NO 19 PNO 34 = 53.48m ³					
CB 628 = 83/m ³ - 03,598=60					
32/ Providing R.C.C. 1:2:4 grade					
in open foundation					
84.4 wide TMB item					
NO 15 PNO 38 = 147.65m ³					
CB 6392 = 64/m ³ - 09,43,873=60					
33/ S/F/R HySD bar reinforcement					
in foundation					
84.4 wide TMB item					
NO 1 PNO 36 = 5.90934T					
CB 77382 = 48/m.T. - 04,57,323=60					
					Rs 2,10,50,705=
less 10% below -					02,10,50,071=60
					C/O - 01,89,45,634=60

Continuation

Continuation