

LO 40 Makamud to Mahommed pur Manghiola
Schedule XLV-Form No. 134

Ag. NO - 49 S13D/4021-22 Ministry / Govt

Shergarhi DIVISION

Shergarhi SUB-DIVISION

Name of Agency - Anand Rauthore

Measurement Book

1390

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of owner:-	L040				Moham-
					madp-10 to Mahanagarpor
					manthi -10/10
Agency:-					Anand Rathore
					W-10-12, Gola Bazar
					Shahghat, Dist - Gaya.
Agreement no:-	49 SBD				2021-22
Date of Start:-	23-2-				2022
Date of completion:-	22-11-				2022

(1)	Setting out ridge				
	B.M. de d -				0.013 km
(2)	Construction of				
	R.D. Dukka -				0.013 km
(3)	Clearing & Grubbing				
	Road land inclu-				
	ding irregularly with				
	vegetation. d d -				
	1 x 13 x 7 m =				91 m ²
					0.0091 Hec
(4)	Construction of				
	C.S.D. ch d d -				
	1 x 13 x 4.05 x 0.200 =				10.53 m ³

Continuation

Continuation

Record only.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) pouring and applying primer coat (RS-1) Emulsion de de					
$7.25 + 3.75 \times 18m =$					71.50 m ²
$\frac{2}{2}$					
$1 \times 15m \times 3.75 =$					56.25 m ²
$8.25 + 3.75 \times 17m =$					104.125 m ²
$\frac{104.125}{2} =$					52.06 m ²
$4 \times 30 \times 3.75 =$					450 m ²
$4 \times 30 \times 3.75 =$					450 m ²
$1 \times 10 \times 3.75 \times 2 =$					37.50 m ²
$1 \times 15 \times 3.75 =$					56.25 m ²
$3 \times 30 \times 2.75 =$					247.50 m ²
$3 \times 6 \times 0.85 =$					15.30 m ²
$1578.425 m^2$					
(2) Tack coat with Bitumen emulsion (RS-1) de					
Qty Same Item as above					1578.42 m ²
(3) M.S.S Bituminous waste plastic by mechanical method (Type-B).					
Qty Same Item as above					1578.42 m ²
15-6-2023					

Continuation DE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) providing and fixing of Arbo reflectorized Cautery mandating Board					
(i) 600 mm circles					470
(ii) 600 mm equilateral triangle					670
(iii) 600 mm x 450 mm rectangular					270 470
(iv) 900 mm. Sidel Octagon					270

(6) Road marking with hot Applied Thermoplastic Compound with Reflecting Glass B-T-gran					
2 x 5 x 30 x 0.100					30.00 m ²
2 x 5 x 30 x 0.100					30.00 m ²
2 x 4 x 25 x 0.100					20.00 m ²
2 x 1 x 13 x 0.100					2.60 m ²
					82.60 m ²
(7) Road marking per position 25 x 25					
2 x 4 x 25 x 0.100 m ²					20.00 m ²

18-6-23
 18-6-23
 Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)	Construction of				
	Embankment with				
	approved material				
	bed upto 100m				
	9100m de de				
CH -	fill	mean	length	vol	
M -	area	area	m	m ³	
	m ²	m ²			
0.00	1.67	-	-	-	0.00
50.00	2.966	2.318	50		115.90
100.00	10.304	6.635	50		331.75
150.00	10.482	10.393	50		519.65
200.00	9.87	10.176	50		508.80
250.00	7.315	8.592	50		429.60
	5.4				
300.00	5.455	6.385	50		319.25
350.00	7.700	6.577	50		328.85
400.00	7.02	7.36	50		368.00
450.00	5.842	6.431	50		321.55
500.00	5.220	5.531	50		276.55
513.00	5.603	5.411	13		70.343
					3090.2483
deduct					
	Sub grade	-			1391.030 m ²
	G. S. B. 02	-			1591.79 m ³
					392.88 m ²
	W.B.M. Gr-3	-			147.139 m ³
	P.C.C.	-			60.00 m ³
	M.S.S.	-			31.576 m ³
	Net Qty	=	1567	=	643 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.P.S. = 1567.643 m ²			
		100 m head qty = 70% = 1167.341 m ²			
		1000 m head qty			
		30% = 1667.643			
		50/10 = 500.289 m ²			
(2)		⇒ Revised measurement			
		Construction of			
		Sub grade & shoulder			
		10 m - 10 m			
		B.T. part			
		13 x 30 x 7.98 (or) 10.30 = 933.66 m ²			
		1 x 23 x 7.98 m x 0.30 = 55.62 m ²			

4 Shoulder G.S.S (side) -			
$2 \times 13 \times 30 \times 1.33 \times 0.200 =$		207.48	m ²
$2 \times 1 \times 23 \times 1.33 \times 0.200 =$		12.236	m ²
E/shoulder side of work x 1.188		72.192	m²
$2 \times 13 \times 30 \times 1.202 \times 0.077 =$		72.192	m ²
$2 \times 1 \times 23 \times 1.202 \times 0.077 =$		4.257	m ²
P.C.C. Accretion - area -			
Side of G.S.S. side			
$2 \times 4 \times 25 \times 1.69 \times 0.100 =$		32.40	m ²
W.B.M. + C.C. -			
$2 \times 4 \times 25 \times 1.29 \times 0.160 =$		41.28	m ²
Qty Ram & Junction -		932.79	m ²
		1391.357	m ²
Limit 1391.030 m ²			
$879 - 1391.030 = 1313.07$ (or) 77.96			
$= 77.06$ m ²			

24-6-2023
2E

Continuation

24-6-23
ME