

~~Shambhu Yadau~~
Agency - Shambhu Yadau
Agreement No. - 57(SBD)/2020-21

Sikarabha - Khavoda PWD Road. to Bathau

Head - MMGSY (SC)

Head - MMGSY (SC)

Measurement Book

Schedule XLV-Form No. 134

R. W. D (w) Jambh
DIVISION

R. W. D Adigan J
SUB-DIVISION

2750

MB No. - 2750

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road :- Construction of Sikandra					
Nawada PWD Road to Bathani					
Block → Aliganj					
Agency → Shambhu Yadav, A.T. Bithhalpur					
PO - Amari, PO & Dist - Yamun					
Agreement no. → 57(SBD)/2020-21					
St of Commencement of work → 03.09.2020					
St of Completion of work → 02.09.2021					
Agreement value →					
					Construction cost Rs 47,67,420.00
					Maintenance cost Rs 7,58,916.00
					Rs 55,26,336.00

- Construction of embankment with material obtained from borrow pits with a lift upto 1.5 m, haulage to site spread by S.F.N. Charge Area Mean Area Distance Volume.

	S.F.N.	Charge Area	Mean Area	Distance	Volume
1	0	3.510	-	-	-
2	100	3.550	3.530	100	353.00 m ³
3	200	4.010	3.780	100	378.00 m ³
4	300	3.670	3.840	100	384.00 m ³
5	400	3.520	3.595	100	359.50 m ³
6	500	3.480	3.500	100	350.00 m ³
7	600	3.960	3.720	100	372.00 m ³
8	700	3.630	3.795	100	379.50 m ³
9	800	3.480	3.555	100	355.50 m ³
10	900	3.540	3.510	100	351.00 m ³
11	1000	3.940	3.740	100	374.00 m ³

Continuation

B.M. = 3656.500 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Construction of WBM Gr-UT Paving					
laying, spreading stone aggregate					
of specific size (in Portion)					
	1x15	$\frac{4.1+5.2+4.1}{3}$		$\times 0.075$	$\frac{4.99 \text{ m}^2}{3} = 1.66 \text{ m}^2$
	5x	30	3.75	$\times 0.075$	$= 42.18 \text{ m}^3$
	1x15	$\frac{4.2+5.1+4.1}{3}$		$\times 0.075$	$= 5.03 \text{ m}^3$
	5x	30	3.75	$\times 0.075$	$= 42.18 \text{ m}^3$
	2x	30	3.75	$\times 0.075$	$= 16.87 \text{ m}^3$
	1x	5	3.85	$\times 0.075$	$= 1.44 \text{ m}^3$
					$\text{Qty} = 112.73 \text{ m}^3$

(8) Paving, laying & spreading of WBM Gr-UT in (C.C Portion) do do all complete work

	1x15	$\frac{4.2+4.3}{2}$		$\times 0.075$	$= 4.78 \text{ m}^2$
	5x	30	3.75	$\times 0.075$	$= 42.18 \text{ m}^3$
	5x	30	3.75	$\times 0.075$	$= 42.18 \text{ m}^3$
	3x	10	3.75	$\times 0.075$	$= 8.44 \text{ m}^3$
	1x	5	3.75	$\times 0.075$	$= 1.41 \text{ m}^3$
					$\text{Qty} = 98.99 \text{ m}^3$

(9) Paving & applying of primer Coat with bitumin emulsion (SS-1) on prepared surface

	5x	30	3.75		$= 562.50 \text{ m}^2$
	1x15	$\frac{3.8+5.2+3.75}{2}$			$= 63.75 \text{ m}^2$
					$\text{Qty} = 626.25 \text{ m}^2$

Continuation

Continuation

Abstract of Cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Providing & fixing of working Bench marks, Pillar & reference pillar Qty vide Page no. (4) in TMB Item no. (1)					
@ 32477.88/KM	1 KM	Rp	32478 =	W	
② clearing & grubbing of Road land Qty vide Page no. (4) in TMB Item no. (2)					
@ 51133.74/149	0.3549	Rp	17,897 =	W	
③ Construction of embankment with material obtained from borrow pits (for 1000 m lead) Qty vide Page no. (5) + Page no. (10) in TMB Item no. (3)					
242.16 m ³ + 47.986 m ³					
@ 175.22/m ³	290.116 m ³	Rp	50,834 =	W	
④ for 100 m lead Qty vide Page no. (5) + Page no. (10) in TMB. Item no. (4)					
66.84 m ³ + 11.989 m ³					
@ 135.12/m ³	78.829 m ³	Rp	10,651 =	W	
⑤ Construction of subgrade with approved material Qty vide Page no. (5) in TMB Item no. (5)					
@ 175.84/m ³	1503.10 m ³	Rp	2,65,821 =	W	

Rp 3,77,687 = W

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F	P/S	23,28,825=
(14/13) Provision & applying of tack coat with bitumen emulsion					
Qty vide page no. (13) in TMB					
Item no. (14)					
@ 15.47/m ²		2461.88 m ²		P/S	38,085=
(15/14) Provision, laying & rolling of close graded premix surface material of 20 mm thick					
Qty vide page no. (13) in TMB					
Item no. (15)					
@ 201.41/m ²		2461.88 m ²		P/S	4,95,847=
(16/16) Construction of un-reinforced plain cement thickness as per design (P.C.C.)					
Qty vide page no. (13) in TMB					
Item no. (16)					
@ 6765.25/m ³		211.28 m ³		P/S	14,29,362=
(17/08) Construction of subgrade & earthen shoulder with approved material					
Qty vide page no. (15) in TMB					
Item no. (17)					
@ 176.86/m ³		758.805 m ³		P/S	1,34,202=
(18/18) Provision & laying of R.C.C pipe duct, 310 mm dia across the road					
Qty vide page no. (5) in TMB (18)					
@ 1582.92/m		30M		P/S	47,488=
				P/S	44,73,809=

Continuation