

શ્રી M.R.-3054 સુસજનગંધે દુરગા પુલ
દુર દુરગાગંગા /

Schedule XLV Form No. 134.

Assessment No. 52 MBD/2020-21)

DIVISION

Executive Engineer

RWD Works Division

Besant

SUB-DIVISION

Measurement Book

Madan Kumar Singh.

1341

प्रमाणित किया जाता है कि उपरोक्त मापीयुक्त में कुल
100 (सहस्र) पृष्ठ ममीन डायग्राफिक्स हैं।
श्री सुधीर कुमार वर्मा, जन्म 1970
प्रमाणित पर पानी के नाम से निर्माण किया
जाता है।

[Signature]
Executive Engineer
RWD Works Division
Bikaner
[Signature]
07/10/2020

Sch. XLV-Form No. 134

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

No. 342

Name of Officer _____

Date of first entry _____

Date of last entry _____

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1st on final Bill				
Name of work:-	Dharbar PWD Road				
To	Dharbar village.				
Agency:-	Madan Kumar Singh.				
Package No:-					
Agreement No:-	52MBD/2021				
Date of start:-	18.05.2020				
Date of completion:-	17.02.2021				

Record Measurement:- 15.11.20

Date of Measurement:- 15.11.20

(1) clearing and grubbing

Road land as per specification
and direction of E/I.

$$2 \times 1358 \text{ m} \times 1.0 = 2716 \text{ m}^2$$

$$= 0.27 \text{ Hect.}$$

(2) Construction of granular

sub-base by providing well

graded material. do - -

do - - E/I.

$$57 \times 2.52 \times 1.35 \times 0.175 = 33.93 \text{ m}^3$$

$$45 \times 2.4 \times 1.32 \times 0.175 = 24.94 \text{ m}^3$$

$$= 58.87 \text{ m}^3$$

$$\text{Limit} = 56.84 \text{ m}^3$$

Continuation
Keemal
15/11/20
ALShiv
15/11/20
J.E

Record Measurement?	25/11/20
Date of Measurement?	25.11.20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement:-					18.01.21
Date of Measurement:-					18.01.21
(1/6) Providing and applying					
primer-coat with bitu-					
-minious emulsion (S.S-1)					
82 Nos x	3.92	1.90			610.73 m ²
45 Nos x	2.75	1.85			228.93 m ²
					839.66 m ²
					Limit = 832.13 m ²
(2/7) Providing and applying					
tack coat with bitumen					
emulsion using 0.25 to					
0.30 k.g per sq.m. as per					
specification, do - - do					
- - E/I.					
82 x 3.92 x 1.90 =					610.73 m ²
45 x 2.75 x 1.85 =					228.93 m ²
					839.66 m ²
					832.13 m ²
					Limit = 832.13 m ²
9n.p.c.c Part:-					
2 Nos x 2.5 x 1.0 =					5 m ²
					837.13 m ²
(3/8) Patch work over using mix-					
seal-surface with waste plastic					
for bituminious and Existing					
c.c pavement as per drawing					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
and specification of E/I.					
	82	3.92	1.90		$= 610.73 m^2$
	45	2.75	1.85		$= 228.93 m^2$
					$= 839.66 m^2$
					Limit $= 832.13 m^2$
gnp.c.c part 1 -					
		2.0	2.5	1.0	$= 5 m^2$
					$= 837.13 m^2$
(4/9) providing and applying					
tack-coat with bitumi-					
nous emulsion (RS-1) &					
do - - E/I.					

Start point: -					
	8	9.20	4.62		$= 55.28 m^2$
	10	30	3.75		$= 1125 m^2$
	10	30	3.75		$= 1125 m^2$
	10	30	3.75		$= 1125 m^2$
	10	30	3.75		$= 1125 m^2$
	5	30	3.75		$= 562.5 m^2$
					$= 5117.78 m^2$
					Limit $= 5092.50 m^2$

(5/10) Semi-Dense Bituminous concrete -					
ply and laying Semi dense bituminous					
concrete with 100-120 TPH hot mix.					
SDBC Qty					$= 5117.78 \times 0.025$
					$= 255.889 m^3$
					Limit $= 127.31 m^3$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6/12) (ii) K.m Stone.					
	1x	2 =	2.0 Nos.		
(7/13) (ii) 1x 2 = 2.0 Nos.					
(8/15) Providing and fixing of					
retro-reflectorised cautionary.					
	1x	4 =	4 Nos.		
(9/16) 600mm circular					
	1x	2 =	2 Nos.		
(10/17) 600mm x 450mm rectangular					
	1x	2 =	2 Nos.		
(11/18) Boundary Pillars -					
	1x	24 =	24 Nos.		
(12/21) Road Marking with hot					
applied thermoplastic compound,					
as per drawing and specification					
of E/I.					
	2x	1358.0m x 0.10	4.0 =	271.60m ²	
(13/22) Providing and fixing 'Logo'					
of typical MMGSy informative					
sign board.					
	1x	2 =	2.0 Nos.		
(14/23) construction of sub-grade and					
earthen shoulder with approved					
material as per direction					
and specification do -					
do - - - E/I.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
L.H.S Side 1—					
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
5 x 30m x 0.70 x 0.30					= 31.5 m ³
1 x 8m x 0.70 x 0.30					= 1.68 m ³
					= 285.18 m ³
R.H.S side 2—					
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
10 x 30m x 0.70 x 0.30					= 63 m ³
5 x 30m x 0.70 x 0.30					= 31.5 m ³
1 x 8m x 0.70 x 0.30					= 1.68 m ³
					= 285.18 m ³
Total Qty = 285.18 m ³ + 285.18 m ³					
					= 570.36 m ³
(15/23) Brick masonry work in cement mortar (1:3) in parapet.					
Total Qty 2—					
2 x 6.0 x 0.40 x 0.60					= 2.88 m ³
as for 1st 2.0 Nos Culvert.					
2.88 m ³ x 2					= 5.76 m ³
(16/24) Plaster with cement mortar (1:4) on brick work in sub-structure.					
do - - - do - - - E/I.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of cost				
Name of work:-	Dharbar PWD Road To				
	Dharbar village				
Agency:-	Madan Kumar Singh.				
Package No:-	M/R 2013-2020, Beland/				
	07 Under-3054 M/R Scheme				
Agreement No:-	52 MBD/2020-2021				
Estimated cost:-					
Date of start:-	18.05.2021				
Date of completion:-	17.02.2021				
Date of Entry:-	18.01.2021				

① clearing and Grubbing Road	
land, as per specification note E.I,	
Qty. vide TMB P.No-	(01)
item No-	(01) 0.27 Hect
@ 49496.70/Hect	R, 13364.20
② construction of sub-grade and	
earthen shoulder with approved	
materials -	
Qty. vide TMB P. No-	(07)
item No-	(02) 570.36 m ³
@ 176.75/m ³	R, 1,00,811.20
Total Rs = 1,14,175.20	

C.O. 1,14,175.20

Continuation

Sch. XLV-Form No. 134 B.P. 1,14,175200

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
③ Construction of goangular sub-				
-base by providing well graded				
material.				
Qty. vide TMBP No. — ⑥1				
item No. — ③				
@ 2103.68/m ²				R, 1, 13,573200

④ WBM Gr- II 2-				
providing and laying with stone				
Gr-II materials.				
Qty. vide TMBP No. — ⑥2				
item No. — ④				
@ 3782.52/m ³				R, 1, 21,305200

⑤ WBM Gr- III 2-				
providing and laying W.B.M				
Gr-III with stone material.				
Qty. vide TMBP No. — ⑥2				
item No. — ⑤				
@ 34 96.13/m ³				R, 2, 18,193200

⑥ providing and applying				
primer-coat.				
Qty. vide TMBP No. — ⑥2				
item No. — ⑥				
@ 41.36/m ²				R, 34,416200

Total = 6,07,662200

Continuation C.O. 6,07,662200

Sch. XLV-Form No. 134 B.F 6, 67, 662-200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ Providing and applying tack coat					
Qty. vide TMB P. No. — ⑥3					
item No. — ⑥7	837	13	m ²		
@ 14.03/m ²				R	11,744.200
⑧ Providing and applying tack patch work over WBS mix-seal surface c.c. Pavement					
Qty. vide TMB P. No. — ⑥3					
item No. — ⑥8	832	13	m ²		
@ 204.98/m ²				1, 70,570.200 R, 71,594.200	
⑨ Providing and applying tack coat with bituminous surface					
Qty. vide TMB P. No. — ⑥4					
item No. — ⑥9	5092	50	m ²		
@ 11.76/m ²				R, 59,887.200	
⑩ Semi-Dense Bituminous Concrete					
Qty. vide TMB P. No. — ⑥4					
item No. — ⑥7	127.3	1	m ³		
@ 10253.36/m ³				R, 13,06,113.200	
⑪ Km Stone					
Qty. vide TMB P. No. — ⑥5					
item No. — ⑥2	2.0	No 1			
@ 2443.25/each				R, 4846.200	
				Total	221,60,828.200

Continuation

(20.2), 60,828.200

Sch. XLV-Form No. 134 B.P. 21, 60, 82820

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) 200m Stone					
Qty vide TMB P. No - (05) item					
No - (12) (11) 6.0 Nos					
@ 655.93/each				R	393520.
(13) providing and fixing of					
retro-reflectors of Board,					
Qty vide TMB P. No - (05)					
item No - (15) 4.0 Nos					
@ 3729.99/each				R	14915200
(14) 600mm circular					
Qty vide TMB P. No - (05)					
item No - (16) 2.0 Nos					
@ 3828.29/each				R	7656300
(15) 600mm x 450mm rectangular					
Qty vide TMB P. No - (05)					
item No - (17) 2.0 Nos					
@ 3699.17/each				R	7398200
(16) Boundary pillar/Guard post					
Qty vide TMB P. No - (05)					
item No - (18) 24.0 Nos					
@ 516.93/each				R	12399200
(17) Road marking with hot applied					
thermo plastic compound,					
Qty vide TMB P. No - (05)					
item No - (21) 271.50m ²					
@ 735.90/m ²				R	1,99,734200
					Total = 24,06,860200

Continuation

18) planting of trees by the roadside
Qty. vide TMB P. No - 68
item No - 22 66 Nos
@ 800.30/each 13 P, 52820200

Sch. XLV-Form No. 134 B.P 24,06,860200

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
18) Providing and fixing MMGSy informetory Sign-Board.				
Qty. vide TMB P. No - 65				
item No - 22 2.0 Nos				
@ 9486.20/each				P, 18972200
19) Brick masonry work in Cement mortar (1:3) in parapet				
Qty. vide TMB P. No -				
item No - 23 5.76 m ³				
@ 5266.93/m ³				P, 30337200
20) plastering with cement mortar (1:4) on brick work.				

Qty. vide TMB P. No - 68				
item No - 24 40.32 m ²				
@ 193.57/m ²				P, 7808200
21) painting two coats including primer coat after filling joint.				
Qty. vide TMB P. No - 68				
item No - 25 117. 12 m ²				
@ 95.63/m ²				P, 11200200
Total = 24,75,177200				
Rs = 25,27,997200				
Less for 2% (below 1000000)				53,340200
				24,22,957200
				24,74,657200
Add 1% Labour cess (4)				24,74,657200
				24,74,657200
Add 12% GST (4)				24,74,657200
Rs = 25,33,336200				25,33,336200
				25,33,336200

Skinner Continuation

18/01/24
AK

18/01/24
J.B

18/01/24
A.A
4/3/24

5/26/17
18/01/17
AG

~~Shiv~~
18/01/21
J.E