MR-N/19-20/Lakhisarai/19 Package

Shedule XLV Form No. 134. Agree-27 M.B.D. 20-21

Halsi Sikandra Road to High School via Halsi village

DIVISION

C Const- 164175=
Maint- 32947=
Agree Total- 197164=

SUB-DIVISION

637

Measurement Book

प्रारंभ - 15-2-21
समाप्ति - 14-11-21

49 गोपाल कुमार

प्रमाणित किया जाता है कि इस
मापी पुस्तक में सं. 637 के कुल 100 पन्ने
है जो MR-N/19-20 योजनान्तर्गत
हलसी पंचायत के Halsi Sikandra
Road to High School via Halsi village
तक पथ निर्माण कार्य हेतु संबंधित
श्री संदीप कुमार के नाम निर्गत किया
जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, लखीसराय
20-2-21

Sch. XLV—Form No. 134

_____ DIVISION

_____ SUB-DIVISION

Measurement Book

No. 637

20-2-21

Name of Officer _____

_____

Date of first entry _____

Date of last entry _____

Ist on A/c & Final

Name fo 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.	

1. Name of work:- Construction of Road & CD work from Halsi Sikandra Road to High School Halsi via Halsi village

Name of Agency:- Sri Gopal Kumar S/o Sri Kedar Prasad Sharma

At+P.O.- Wali Pur, Lakhisarai Bihar

Agg.-No. 27 MDD/2020-21

Date of Commencement- 15.02.21

Date of Completion:- 14.9.21

Record Entry

1. Clearing and Grubbing of road Land

$2720 \times 25.00 \times 1.00 = 1000.00 m^2$

$= \frac{1000.00}{10000.00}$

$= 0.10$ Hect

2. Providing Construction of granular sub-base with

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Earth excavation					
	3	10.00	1.58	0.10	= 4.50 m³
	1	28.00	1.60	0.10	= 4.48 m³
	1	26.00	1.4	0.10	= 3.64 "
	1	8.00	1.70	0.10	= 1.36 "
	1	12.00	1.50	0.10	= 1.80 "
	4	10.00	1.70	0.10	= 6.80 "
	4	13.00	1.50	0.10	= 7.80 "
	1	9	1.8	0.10	= 1.62 "
	2	12.00	1.65	0.1	= 3.96 "
	1	5.5	1.80	0.1	= 0.999 "
					37.459 m³
				Say	37.46 m³

3. Providing stone soling

50mm Gravel

3	10	1.50	0.075	=	3.375 m³
1	28.00	1.6	0.075	=	3.76 m³
1	26.00	1.4	0.075	=	2.731 "
1	8.00	1.70	0.075	=	1.02 "
1	12.00	1.50	0.075	=	1.35 "
4	10.00	1.70	0.075	=	5.10 "
4	13.00	1.50	0.075	=	5.85 "
1	9.00	1.80	0.075	=	1.215 "
2	12.00	1.65	0.075	=	2.97 "
1	5.5	1.80	0.075	=	0.74 "
					27.71 m³

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4. Providing Construction of unreinforced cc Pavement in road Pavement					m30 m3
1 x 20 x 25.00 x 0.10 =					187.50 m3
Extra widening					
1 x 14.00 (4.85 + 3.75 / 2 - 3.75) x 0.1					0.77 m3
1 x 12.00 x (4.75 + 3.75 / 2 - 3.75) x 0.10 =					0.60 m3
1 x 11.00 x (4.95 + 3.75 / 2 - 3.75) x 0.10 =					0.66 m3
					189.53 m3
5 Construction of Sod Spede & Earthen Shalding					
2 x 20 x 25.00 x 0.6 x 0.375 = 225.00 m3					
6 S/F/F ordinary km Stone Post					
01 Nos					
7. S/F/F 200m Stone Post					
03 Nos					

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9) S/F/F place & Direction Sign Board	2	1.2	0.8	= 1.92 m²	
8) S/F/F 600 mm equilateral Traphlar Board	10 Nos				
10) S/F/F 600 mm Circular Board	06 Nos				
11) S/F/F 600 mm × 450 mm rectangular Board	06 ~~Nos~~ 02 Nos				
12) S/F/F 900 mm octagonal Board	~~06 Nos~~ 01 Nos				
13) Providing and laying grumbled stones	5	3	0.1	7.5 =	713.46 m²
14) S/F/F Boundary pillar	24 Nos				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15 Planting A Trees					
OB NIL					
16. Road marking with hot applied thermo plastic Compound Reflective					
2 × 20 × 25.00 × 0.1 = 100.00 m2					
17 SPM masonry Board with Wpo					
02 Nos					
8/9/21 JE				Sign 08/09/21 AE	

Continuation

P.T.O.

ABSTRACT OF COST

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 Clearing and Grubbing of road Land VTMBP ①					
0.10 Hect @ Rs 51,101.12/Hect					Rs 5110.00
2. Providing Construction of 4 granular Sub-Base Coat VTMBP ②					
37.459 m³ @ Rs 1225.53/m³					Rs 45907.00
3/5 Providing laying and spreading WBM Gr II					
VTMBP ②					
271 m³ @ Rs 1872.37/m³					Rs 51883.00
4/b Construction of impervious forced CC Pavement M30					
VTMBP ③					
189.53 m³ @ Rs 5652.91/m³ Limit 189.38					Rs 1070548.00 ~~1071396.~~
5/3 Construction of Side Slope & Earthen Shoulding VTMBP ③					
225.00 m³ @ Rs 189.41/m³					Rs 42617.00

Continuation

Rs 12,16,913.00

1216065

BPAS 12/4913.W

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
6/7 SIP/I² ordinary Km Stone Post					
VTMNP (3)					
01 NOS @ 2030.24 Each					2030.W
7/8 SIP/I² 200m ordinary Km Stone Post					
VTMNP (3)					
03 NOS @ 576.75 Each					1730.W
8/9 SIP/I² Place & Direction Board					
VTMNP (4)					
1.92 m² @ 12185.22 Each					23396.W
9/10 SIP/I² 600 mm equilateral Stem Board					
VTMNP (4)					
10.00 NOS @ 3527.09 Each					35271.W
10/11 SIP/I² 600 mm Circular Board					
VTMNP (4)					
06 NOS @ 3656.66 Each					21940.W
11/12 SIP/I² 600 mm × 450 mm Rectangular Board					

Continuation

BF- 1300432

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
VTM/BP ④					
02 Nos @ Rs 3527.56 Each				Rs	7055.00
12 SIP/12 900 mm Octagonal					
13 Board					
VTM/BP ④					
01 @ Rs 7520.35 Each				Rs	7520.00
13 SIP/12 Boundary pillar					
14					
VTM/BP - ④					
24 Nos @ Rs	509.19	12220.56 Each		Rs	~~12220~~ ~~293293.~~
				Rs	12221.00
14 Planting of Trees					
16 VTM/BP ⑤					
10 Nos @ Rs 819.92 Each				Rs	2460.00
X-30%					22,11
15 Road marking with					
17 Lit applied thermo					
plastic Compound Paint					
VTM/BP ⑤					
100.00 m² @ Rs 826.65/m²				Rs	82668.00
16 SIP/12 mm thick Logo					
18 Board					
VTM/BP ⑤					
02 Nos @ Rs 9472.66 Each				Rs	18945.00
				Rs	1432146.00
					1431014

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
				BP/MB	143104 / 1432.46
Add 12% GST				+MB	17726 / 17858.-
Add 1% Labour Cess				+MB	14307 / 14321.-
				MB	16,18,325.-
Add Seigniorage fee 10% on basic rate			14224	+MB	161705 / 14330.- / 143330
				MB	1632265.-
		1631309.-			1631415
less for below 0.16%					2610
					1628699

Sign
30.06.22
AG

20.6.22

JE
Amount →

CE

Continuation

P.T.O.

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Material statement with respective rate for 10 t.km haulage					
(I) E/W	225.00 m³	× 34.81	× 10%	=	783.00
(II) Stone 26.5 mm to 9.5 mm					
16.70 m³	× 553.36	× 10%		=	924.00
(III) Stone chips 9.5 mm to 2.36 mm					553.00
11.99 m³	× 461.52	× 10%			
IV 2.36 below					
19.10 m³	×				
(V) Stone metal 53 mm to 22.4 mm					
33.53 m³	×				
(VI) Stone Screening 11.2 mm Type 'B'					
8.04 m³	×				
(VII) Stone Course Sand					
85.29 m³	×				
(VIII) Stone chips 20 mm					
102.35 m³	×				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(xiv) Stone chips 10mm					
68.23 m³					
20.6.22					
	B.F - 1628699				

1st and Final bill.

8% S.D —	130296 =
1% S. Tax —	16287 =
1% L. Cess —	16287 =
1% C.G.S.T —	16287 =
1% S.G.S.T —	16287 =
Royalty —	53744 =
SIF —	14294 =
Payble Rs —	1365287 =
	1628699

Rupees Rs - Sixteen ~~Thousand~~ Lakh ~~twenty Eight Thousand~~ six hundred ninety nine)

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
लखीसराय

Continuation

22-8-22