

M/R (3054) के अधीन ~~उत्तर प्रदेश~~ ~~एच.एच.ए.~~ ~~काठमांडू~~ ~~नगर~~

Shedule XLV Form No. 134.

अरुण DIVISION

अरुण SUB-DIVISION

Measurement Book

1444

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.	
2.4 on the bill					
Name - Repair of road from					
panchi to Base road under					
3054					
Agency - Sri Arvind Kumar singh					
At - Barka Lehuax, P.O. -					
Farma, Baggpur					
Agreement no - 38 (MSD) / 2019-20					
Agreement value - Rs 38401021/-					
date of start - 12.2.20					
date of completion - 11.11.20					
due to covid 19 for extend (11.2.21)					
date of measurement - 2.9.2020					
i. P.V & fixing of typical					
informationary & condensation					
board with logo					
2 nos					
2. clearing & grubbing road					
land etc.					
	2 x	6 x	25 x	2 m	600 m ²
	2 x	6 x	25 x	2 m	600 m ²
	2 x	6 x	25 x	2 m	600 m ²
	2 x	6 x	25 x	2 m	600 m ²
	2 x	6 x	25 x	2 m	600 m ²
	2 x	6 x	25 x	2 m	600 m ²
Total					3600 m ²

Continuation

Sch. XLV-Form No. 13A

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				1/2 ft	3600 m ²
	2 x	6 x	25-x	2.0 =	600 m ²
	2 x	6 x	25-x	2.0 =	600 m ²
					4800 m ²
					or 0.48 Hectar
<u>Sum</u>					
2.9.20					
3. Cont. of earthen shoulder					
with materials obtained					
from borrow pits					
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
	2 x	6 x 25-x	1-x	0.150 =	45 m ²
					360 m ²
<u>Sum</u>					
5.9.20					
4. p/v laying spreading & compacting					
1/1250 grade 10 - as per Specifin					
caten & direction of etc					
	9 x	7.25 x	2.35 =	153.34 m ²	
	8 x	7.25 x	2.15 =	133.38 m ²	
	6 x	5.50 x	4.04 =	133.32 m ²	
	4 x	7.25 x	2.73 =	79.17 m ²	

Continuation $\frac{C/D}{499.13 m^2}$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			13/8	499.13	m ²
	8	6.35	3.78		= 192.02 m ²
	5	8.10	3.71		= 150.26 m ²
	6	5.75	3.27		= 112.82 m ²
	8	6.70	3.35		= 129.56 m ²
	6	8.65	2.51		= 130.27 m ²
	9	9.15	2.81		= 231.40 m ²
	7	7.91	3.51		= 194.35 m ²
	5	5.40	2.55		= 68.85 m ²
					1758.65 m ²
					1758.65 m ² × 0.075 = 131.90 m ²

5. p/v & applying primer coat

with bitumen emulsion (25%)

as per - etc.

(i) for patch work for flexible pavement

area same as item no (4) 1758.65 m²

(ii) for 2x top coat pavement

2 × 6.10 × 1.60 = 19.52 m²

3 × 5.40 × 1.30 = 21.06 m²

2 × 4.90 × 1.50 = 14.99 m²

3 × 3.80 × 1.70 = 19.38 m²

1833.60 m²

Kumar
28.10.21

6. p/v & applying top coat with

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
bitumen emulsion (Lap) - 450					
ply - 211					
area same as item no (5) - 1833.60 m ²					
7. ply having a rolling 20000					
thick on the flat surface - -					
- as - ply - 211					
area same as item no (6) - 1833.60 m ²					
<u>Remarks</u>					
25.10.21					
8. ply is applying tack coat					
with bitumen emulsion (Lap) - 450					

6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
6 x 25-x 3.75	=	562.50 m ²
4 x 25-x 3.75	=	375.00 m ²
3 x 18-x 0.90	=	48.60 m ²
		<u>4923.60 m²</u>

9. ply is having 25 mm thick sand
 - as per specifications & details
 of 211.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
OTLA Area as the area 4923.60 m ²					
					4923.60 m ² × 0.025 = 123.09 m ²
<u>Remar</u> 23.11.21					
10. Brick masonry work in C.M (1:3)					
is pumped					
	2	6m	0.40	0.60	= 2.88 m ²
11. plastering with C.M (1:4) on					
brick work					
	4	6m	0.60		= 14.40 m ²
	2	6m	0.40		= 4.80 m ²
	4	0.40	0.60		= 0.96 m ²
					<u>20.16 m²</u>
					for 2 nos
12. painting two coats on brick					40.32 m ²
plaster surface					
	4	6m	0.60		= 14.40 m ²
	2	6m	0.40		= 4.80 m ²
	4	0.40	0.60		= 0.96 m ²
					<u>20.16 m²</u>
					for 2 nos
<u>Remar</u> 24.11.21					40.32 m ²
13. p/v & filling of ground stone					40.32 m ²
14. p/v & filling etc not applied					
thermo plastic compound 2.5 mm thick					
road marking					
	2	6	25	0.100	= 30 m ²
	2	6	25	0.100	= 30 m ²
	2	6	25	0.100	= 30 m ²

Continuation

c/d 90 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				1/2	90. m ²
	2 x	6 x	25-x	0.100 =	30. m ²
	2 x	6 x	25-x	0.100 =	30. m ²
	2 x	6 x	25-x	0.100 =	30. m ²
	2 x	6 x	25-x	0.100 =	30. m ²
	2 x	6 x	25-x	0.100 =	30. m ²
	2 x	4 x	25-x	0.100 =	20. m ²
					260. m ²
15. p/v R.C.C. on 15 grade kilowatts					
stone					
1) Kar stone					2.884
(2) 2000 stone					6.440

16. p/v & fixing of cautionary

mandatory & informative sign board.

(1) 600 mm equilateral triangle	8-x	
(1) 600 mm circular	2-x	
(1) 600 mm x 450 mm rectangular	4-x	

Kumar

30.11.21



30.11.21

A.E.

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost (Cost on Mobil)					
1/66 p/v spreading of typical improvement & maintenance work with logs					
2 Nos dry side T-1					
2 Nos @ 10056 = 78 per Nos					820114 = -
2/86 clearing & grubbing road land etc.					
0.48 hectare dry side T-2					
0.48 hectare @ 55931 = 27 per hect					258472 = -
with materials obtained from borrow pits					
360 m ² dry side T-2					
360 m ² @ 199 = 73/m ²					71903 = -
4/58 p/v laying spreading & compacting in 300 grade III					
131.90 m ² dry side T-3					
131.90 m ² @ 4588 = 23/m ²					605188 = -
5/59 p/v & applying primer coat with bitumen emulsion (SS1)					
1833.60 m ² dry side T-3					
1833.60 m ² @ 47 = 38/m ²					86878 = -
6/60 p/v & applying tack coat with bitumen emulsion (SS)					
					810930 = -

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13162 810930:-
1833.60 m ² aty vide TMB p-4					
4923.60 m ² aty vide TMB p-4					
6757.20 m ² @ 16:00/m ²					108521:-
7/61 p/w laying & rolling 27 mm thick and seal surface					
1833.60 m ² aty vide TMB p-4					
1833.60 m ² @ 231:64/m ²					424735:-
8/62 p/w & laying 25000 tiles SDBC - 48 - p/w - 211					
123.09 m ² aty vide TMB p-5					
123.09 m ² @ 11758=19/m ²					1447316:-
7/69 Bed prepared C:G (1:3) 107 prepared					
2.88 m ³ aty vide TMB p-5					
2.88 m ³ @ 7146=11/m ³					20581:-
10/68 plastering with C:G (1:4) on brick walls					
40.32 m ² aty vide TMB p-5					
40.32 m ² @ 184:83/m ²					7452:-
11/70 painting two coats on plaster surface					
40.32 m ² aty vide TMB p-5					
40.32 m ² @ 108:06/m ²					6328:-
12/67 p/w & fixing of gravel stone					
40.11 m ² aty vide TMB p-5					
40.11 m ² @ 587=52 per m ²					23501:-
					40 B 2849364

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					1/11/64 ₹ 2849364/-
13/65 p/v a laying of hot applied theroplastic compound 2.5mm thick road marking					
260.00 m ² @ 100/-					₹ 26000/-
260.00 m ² @ ₹ 831.50/m ²					₹ 216060/-
14/63 p/v Acc.c. on 5 grade kilometer stone					
(i) Ker stone					
2 nos @ 1/2 side 1000 p-b					
2 nos @ ₹ 2590.67 per nos					₹ 5181/-
(ii) 200 mm stone					
6 nos @ ₹ 708.26 per nos					₹ 4250/-
15/64 p/v a fixing of cautionary mandating & imperatory sign board					
(i) 600 mm equilateral triangle					
8 nos @ 1/2 side 1000 p-b					
8 nos @ ₹ 4044.15 per nos					₹ 32353/-
(ii) 600 mm circular					
2 nos @ 1/2 side 1000 p-b					
2 nos @ ₹ 4152.68 per nos					₹ 8305/-
(iii) 600 mm x 450 mm rectangular					
4 nos @ 1/2 side 1000 p-b					
4 nos @ ₹ 4011.68 per nos					₹ 16047/-
					₹ 3131560/-

Continuation

