

MR-3054

Schedule XLV-Form No. 134

Name of work - Repair & Five years maintenance
of road from Ben Bigha to Baran Barda

DIVISION

Ag No. - 02/MBD/2019-20

Name of A.E. - Akshay Lal Rajak ^{Bikram} **SUB-DIVISION**

Agency - M/s Subodh Kumar, Asphara, Bikram

Measurement Book

567

Certified that this M.B Contains
100 (One hundred) Nos of Machine
Pages & issued to Sri..AKshaylal
.....Rajak.....A.E, R.W.D, works
Sub Division.....Bikram

30.10.19
Executive Engineer
Rural Works Department
Works Division Paliganj
30/10/19

Sch. XLV-Form No. 134

DIVISION
Bikram SUB-DIVISION

Measurement Book

No. 567

Name of officer Sri Akshaylal Rajak

Date of first entry _____

Date of last entry _____

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.	
I am to Bill					
Name of work - Repairing					
A five year measure					
of Road from Peribits					
to Para Road					
17 years - Mr. Subodh					
Kumar					
Agreement, 20-02/19-20					
Agreement Value - 2,24,000/-					
Date of Commencement - 25.10.19					
Date of Completion - 24.7.20					
1) Cleaning & grubbing the					
road land					
	27	44	20.00	1.00	2240.00
	27	57	20.00	1.00	420.00
	27	11	30.00	1.00	660.00
	27	68	30.00	1.00	360.00
	27	9	30.00	1.00	540.00
	27	6	30.00	1.00	360.00
	27	1	30.00	1.00	20.00
					2800.00

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
2nd on A/c Bill					
Name of Work — Repair & Maintenance of Road from Bage Bigha to Bagan Barda					
Contractor — M/S Subodh Kumar					
at — Aspuria, Bikaner Dist — Patna					
Agreement No — 02/MRD/2013-20					
Date of Commencement — 25.10.2013					
Date of Completion — 24.07.2020					
Tack coat					
1/8 Pro/applying Tack coat					
With Bitumen emulsion RB ₁					
do - do					
10 × 30 m × 3.75 m = 1125.00 m ²					
6 × 30 m × 3.75 m = 675.00 m ²					
1 × 10 m × $\frac{3.75 + 5.20}{2}$ = 44.75 m ²					
Σ = 1844.75 m ²					
Semi-dense-bituminous					
2/10 providing & laying Semi					
dense bituminous concrete					
do - do					
10 × 30.0 m × 3.75 m × 0.025 = 28.12 m ³					
6 × 30.0 m × 3.75 m × 0.025 = 16.87 m ³					
1 × 10.0 m × $\frac{3.75 + 5.20}{2}$ × 0.025 = 1.11 m ³					
Σ = 46.10 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/15 Providing & laying of hot applied thermoplastic compound 2.5 mm thick do-do					
2x 10x 30m x 0.100m =					60.00m ²
1 2x 6x 30m x 0.100m =					36.00m ²
2x 1x 10m x 0.100m =					2.00m ²
					98.00m ²
4/13 Providing & fixing of retro-reflective sheet					
cautionary, mandatory & informative Sign Board					

(i) 600mm equilateral triangle					
— 8 No					
(ii) 600mm circular — 1 No					
(iii) 600mm x 450mm rectangular — 3 No					
5/16 Palankha of tree — 90 No					
<i>[Signature]</i> 04/06/2020					

consumption of material					
stone aggregate — 65.92m ³ @ 642					67
Bitumen emulsion — 0.507 MT					
Bitumen PG-30 — 5.532 MT					

[Signature] 04/06/2020

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment					₹ 563478=
① SD @ 8%					₹ 45078=
② GT @ 2%					₹ 11270=
③ L. cons @ 1%					₹ 5635=
④ C&ST @ 1%					₹ 5635=
⑤ S&ST @ 1%					₹ 5635=
⑥ Royalty					₹ 9888=
⑦ Seignorage					₹ 4237=
⑧ By cheque					₹ 476100=
Total					₹ 563478=

Paid for ₹ 563478=

 Rupees five lakh sixty three

 thousand four hundred seventy

 eight only

Executive Engineer
 Rural Works Department
 Works Division, Paliganj

8/6/20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd & 4th (2-1)					
Name of Work - Repair & maintenance of Road from Beni Bigla to Bara Baroda					
Cont - M/S Subodh Kumar at Aspur, Birkram DIST - Patna.					
Agreement No - 02/MBD/2019-20					
Date of commencement - 25.10.2019					
Date of completion as per ag - 24.07.2020					
Actual Date of completion - 04.06.2020					
Measurement - Nil					
21.08.2021					
21/9/21					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of bill - 320 2 Final Bill					
1/1 clearing & grubbing road land including do-do					
0.28 Hec do no - 1/1 P-19					
@ 49524.68/Hec →					12,876 = 00
2/2 sanding the existing bituminous road surface					
24136 m ² do no - 2/2 P-19					
@ 15.32/m ² →					3,728 = 00
3/4 cost of granular sub base by providing well graded natural stone aggregate & local sand					
85.31 m ² do no - 3/4 P-19					
@ 1872.34/m ² →					159,729 = 00
4/5 Providing/spreading/compaction of the aggregate to W.B.M. 2					
do do					
73.125 m ² do no - 4/5 P-19					
@ 3501.05/m ² →					256,051 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/6 Providing & laying/compacting					
compacting stone aggregate					
to W.B.M. 6-3					
103.40 m ² item No - 5/6 P-20					
@ 3254.28/m ³					336,493=00
6/7 Providing & applying					
primer coat with B. emulsion					
SS, do-do					
1378.65 m ² item No 6/7 P-20					
@ 42.03/m ²					57945=00
7/8 Tack coat					
pro/laying/applying tack					
coat with B. emulsion RS,					
6268.90 m ² item No - 7/8 P-20					
@ 14.25/m ²					89332=00
8/9 Patch work					
new & old surface					
pro/laying/rolling primer					
mix sealed surface of 20mm					
thick					
1378.65 m ² item No - 8/9 P-20					
@ 187.17/m ²					258,042=00
					1174,136=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9/10 C. D. R. = Pro/layer / semi dense					
Bottom rows concrete do-do					
122.21 M ³ (in no - 9/10 P-2)					
@ 8902.32/m ² —				1082	953000
10/11 Pro/fixing of Roko - and controlled cautionary mandatory information					
Sign Board					
(2) 600mm equilateral Triangle 8 No (in no - 10/11 (2) P-2)					
@ 3405.68 each — A				27,	24500
(ii) 600mm circular 1 No vide (in no 10/11 (ii) P-2)					
@ 4595.64 each — A					459600
(iii) 600mm x 450mm rectangular 3 No vide (in no - 10/11 (iii) P-18)					
@ 4025 /M —					1207500
11/14 Pro/fixing of typical MMGSY information					
Sign Board do-do 3 No vide (in no - 11/14 P-2)					
@ 11832.90 each —				35,	496000

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/3 cost of Earthwork					
With approved material					
from borrow pits etc					
243.00 m ³ @ 12/3 P-22					
@ 161.23/m ³ →					39,173.20
13/15 Pro/laying of hot					
applied thermo plastic					
Compound 2.5mm etc					
260.00 m ² @ 13/15 P-22					
@ 735.82/m ² →					191,313.00
					25,73,393.00
Add 1% labour etc				⑦	25,734.00
Add 12% GST				④	3,08,808.00
					29,07,941.00
Less 10% Below 2000				②	2,90,794.20
					26,17,147.20
Deduct Previous					26,17,147.20
Payment				②	20,59,669.00
					5,57,478.20
					000.00
21.08.2021					