

Road Name - Loc 12 to Kala MBNO - 7567
① Digamr Uadler 3054 MR
Schedule XLV-Form No. 134

Executive Engineering, R.W.D. & P. DIVISION

Bakhthiyarpur SUB-DIVISION

MBNO - 7567

Measurement Book

Ranjee Kumar (Inspector)

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 A/c Bill					
Name of work:- Report & five years main-					
- tenance of Road from L042					
to Kaladiyara under 3056					
MR					
Package No- MR-N/22-23 Patna/10					
Agency- Renjith Kumar, Alampur kachi					
Dargah, Bidwiganj, Patna					
808001					
Agreement- 23/11/2022-23					

Rate Approved - 0.01% below.

Date of commencement - 23/03/2023

Date of completion - 22/12/2023

Date of measurement - 22/06/2023

Work done

Item ① clearing & grubbing
road land - do - etc.

$$2 \times 10 \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

$$2 \times 10 \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

$$2 \times 10 \times 30.00 \times 1.125 = 675.00 \text{ m}^2$$

$$2 \times 6 \times 30.00 \times 1.125 = 405.00 \text{ m}^2$$

$$2 \times 1 \times 10.00 \times 1.125 = 22.50 \text{ m}^2$$

$$2452.50 \text{ m}^2$$

$$\text{Hect} = 2452.50 \text{ m}^2 / 10,000 = 0.245 \text{ Hect.}$$

Continuation

PTO

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item (2) Construction of sub grade near 1800 shoulder do. etc					
5 x 30.00 + 7.001 x 0.300 =					328.545 m ³
2 x 10 x 30.00 x 0.60 x 0.300 =					108.00 "
2 x 10 x 30.00 x 0.60 + 0.300 =					108.00 "
2 x 10 x 30.00 x 0.60 x 0.300 =					108.00 "
2 x 1 x 30.00 x 0.60 x 0.300 =					10.80 "
2 x 1 + 10.00 x 0.60 x 0.300 =					3.60 "
2 x 5 x 30.00 + 1.95 x 0.300 =					101.25 "
					768.195 m ³
Item (3) Construction of C/S 10 by grav. well graded material grading 2 --- do - do - etc					
1 x 30.00 x 3.75 + 4.25 x 0.10 =					12.00 m ³
4 x 30.00 x 3.75 + 0.10 =					45.00 "
					57.00 m ³
					Limit to = 56.81 m ³
Item (4) Grav. laying, spreading & compacting stone aggregate of specific grades to 130 mm & 150 mm etc.					
1 x 30.00 x 3.75 + 4.25 x 0.075 =					9.00 m ³
4 x 30.00 x 3.75 + 0.075 =					30.75 "
					42.75 m ³
					Limit to = 42.61 m ³

Continuation

PTD

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item ⑤ Construction of Dry lean					
concrete sub					
base - do - do - etc.					
Profile					
Correction $3 \times 30.00 \times 3.75 \times 0.125 =$					42.19 m ³
$1 \times 4.00 \times 3.75 \times 0.125 =$					1.87 "
					44.06 m ³
Item ⑥ Construction of m.s.					
reinforced R.C.C. pav					
ement m. 30 grade -					
do - do - do - etc.					
$1 \times 30.00 \times 3.75 \times 4.25 \times 0.160 =$					19.90 m ³
$4 \times 30.00 \times 3.75 \times 0.160 =$					72.00 "
					91.90 m ³
					Limit to = 90.90 m ³
Item ⑦ Construction of panel					
concrete R.C.C. pav					
ement m. 30 grade					
- do - do - do - etc.					
$1 \times 30.00 \times 3.75 \times 4.25 \times 0.125 =$					15.00 m ³
$1 \times 30.00 \times 4.25 \times 3.75 \times 0.125 =$					15.00 "
$4 \times 30.00 \times 3.75 \times 0.125 =$					56.25 "
$1 \times 30.00 \times 3.75 \times 4.25 \times 0.125 =$					15.00 "
$1 \times 30.00 \times 4.25 \times 3.75 \times 0.125 =$					15.00 "
					116.25 m ³

Continuation

P.T.O.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF = 116.25 m ³
Item ⑦ contd (Base/Concrete pavement)					
	10	30.00	3.75	0.125	140.625 m ³
	10	30.00	3.75	0.125	140.625 m ³
	2	30.00	3.75	0.125	28.125 m ³
	1	20.00	3.75	0.125	9.375 m ³
	1	20.00	3.75	0.125	9.375 m ³
					445.06 m ³
					Limit to = 445.03 m ³
Item ⑧ R.C.C. M-15 grade					
km. Stone - do - etc.					
(i) km. Stone					2 nos.
(ii) 200 m Stone					4 nos.
Item ⑨ direction & Place					
Identification sign					
with size more than					
0.9 sqm size board					
- do - do - etc.					
	2	1.20	0.800		1.92 m ²
Item ⑩ Provision of retro					
reflectorized cautionary					
mandatory & informative					
sign - do - do - etc.					
(i) 600 mm eq. & triangle					22.00 nos.
(ii) 600 mm circular					6.00 nos.
(iii) 600 x 450 mm rectangular					2.00 nos.

Continuation

PTD

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iv) 900mm wide octagon -					2.00 nos.
Item (11) R.C.C m. 15 grade boundary p/m. do. etc.					Qty = 2.00 nos.
Item (12) Painting new letter & figures - do - etc.					
					44 x 1.00 = 44.00 ch. pt.
Item (13) Prov. & fixing of typical masonry information					
Sign board with logo					
- do - do - do - etc.					
					Qty = 3.00 nos.
Item (14) Road marking with hot applied thermoplastic compound - do - etc.					
Pedestrian - 3 x 6.00 x 0.50 x 2 = 18.00 m ²					
of decoration - 2 x 10 x 30.00 x 0.100 = 60.00 m ²					
					2 x 10 x 30.00 x 0.100 = 60.00 "
					2 x 10 x 30.00 x 0.100 = 60.00 "
					2 x 6 x 30.00 x 0.100 = 36.00 "
					2 x 1 x 10.00 x 0.100 = 2.00 "
Continuation					218.00 m ²

PTD

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Particulars Details of actual measurement

No.	L.	B.	D.	Contents of area
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Name of work - Repairs & Five year repair -
to kafa diya from 10/12

Package No - MR-N/12-23 Rate 10

Agreement no - 23/030/2022-23
Date of completion - 21/12/2023

Agreement no - 23/030/2022-23
Date of completion - 21/12/2023

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2)				0.12	17464=00
Construction of sub					
grades eastern side					
under - do - etc.					
768.195 m ³ vide TM B page (2)					
@ 252 = 11/m ³ - Rs 193,670=00					
(3)					
Construction of C/S					
by Prov. Well graded					
material etc. etc.					
56.81 m ³ vide TM B page (9)					
@ 3065 = 35/m ³ - Rs 174,143=00					
(4)					
Prov. Laying spread -					
compaction					
Stone aggregates of					
specific for road work					
etc. etc. etc.					
42.61 m ³ vide TM B page (9)					
@ 4605 = 29/m ³ - Rs 19,623=00					
(5)					
Construction of m/c					
concrete etc.					
44.06 m ³ vide TM B page (9)					
@ 4436 = 90/m ³ - Rs 195,490=00					
(6)					
Construction of m/c					
for the pavement					
m/c 20 thick - etc. etc.					
90.90 m ³ vide TM B page (9)					
@ 7498 = 56/m ³ - Rs 12,681,619=00					
4 @ 14,586,17=00					

Continuation

PTO

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Construction of panel Concrete, R.C.C. work - ment m. 30th 4- etc 445.031 m ³ side TM stage (9) @ 8653 = 191 m ³ — 1538 50938-00					10 F 13145 3617-00
(8) R.C.C. m. 15 grade 1m stone do etc. (11) 1m. 4/1000 2.00 nos. side TM stage (10) @ 2862 = 38/each — 5725-00 (11) 200 m. stage 4.00 nos. side TM stage (10) @ 302 = 59/each — 3210-00					
(9) Direction & Place of - tification 2/11. do etc 1.92 m ² side TM stage (10) @ 13954 = 68 m ² — 14 26,793-00					
(10) Provision of retro- - reflection sign do etc (11) 600 mm eq. & triangle 22.00 nos. side TM stage (10) @ 4193 = 16/each — 92250-00					
(11) 600 mm Circular 6.00 nos. side TM stage (10) @ 5620 = 74/each — 33724-00 @ 54,71257-00					

Continuation

PTD

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Add 18 704514 R					Rs 5773406=00
Add 1 704514 L					Rs 1039213=00
Add Signage					Rs 57734=00
as per agreement					Rs 23884=00
					Rs 6894237=00
Less 0.017 below					
as per agreement					Rs 689=00
					Rs 6893548=00
deduct previous payment					
vide T-1 Page (13)					Rs 6892889=00

Work has been completed as per speed direction of E/I.

21/12/23

J.E.

21/12/23

21/12/23

21/12/23

21/12/23

21/12/23

Continuation