

MR- New Maint Policy - 2018

Schedule XLV-Form No. 134

NW- Lakhisarai Shekhpura path to Shisma gramini
Path

Name of Agency - Rajesh Kumar

DIVISION

Fig No - 26/MRD/2023-24

SUB-DIVISION

Date at Start - 05/09/2023

Date of End - 04/6/2024

MRD No- 843

MEASUREMENT BOOK

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).

Record Entry.	
1 Clearing and grubbing	
road / and do-do	
$2 \times 10 \times 2.0$	$= 40.00 \text{ m}^3$
$2 \times 5 \times 10 \times 2.0$	$= 200.00 \text{ ''}$
$2 \times 7 \times 15 \times 2.0$	$= 420.00 \text{ ''}$
$2 \times 5 \times 10 \times 2.0$	$= 200.00 \text{ ''}$
$2 \times 4 \times 10 \times 2.0$	$= 160.00 \text{ ''}$
$2 \times 7 \times 10 \times 2.0$	$= 280.00 \text{ ''}$
$2 \times 7 \times 10 \times 2.0$	$= 280.00 \text{ ''}$
	1580.00 m^3
	$= 0.158 \text{ Hae}$
2 Construction Embankment	
with approved material	
1000mm / each borrow pits	

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
do-do					
2 x 50m x 90 x 60					= 54.00m
2 x 50m x 90 x 60					= 54.00 "
2 x 50m x 90 x 60					= 54.00 "
1 x 50m x 90 x 60					= 24.30 "
					218.30m
<u>2. Continuation of G.S. B as per</u>					
<u>Specification</u>					
$20 \times \frac{4.24 + 8.61}{2} \times 10m$					= 11.725m
$20m \times \frac{8.61 + 8.09 + 6.80}{2} \times 10$					= 10.50 "
$20m \times \frac{8.96 + 5.18}{2} \times 10$					= 13.71 "
$20m \times \frac{5.18 + 8.75}{2} \times 10$					= 13.95 "
$20m \times \frac{8.75 + 8.85}{2} \times 10$					= 11.40m
$20m \times \frac{8.85 + 8.75}{2} \times 10$					= 11.40m
$20m \times 8.75 \times 10$					= 11.25 "
$20m \times 8.75 \times 10$					= 11.25 "
$20m \times 8.75 \times 10$					= 11.25 "
$20m \times 8.75 \times 10$					= 11.25 "
$20m \times 8.75 \times 10$					= 11.25 "
$20m \times 8.75 \times 10$					= 11.25 "
$5m \times 8.75 \times 10$					= 1.875 "
					152.805m

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4 For laying & spreading					
Compacting W.B.M - III					
do-do					
30m x $\frac{4.24 + 3.61}{2} \times 0.075$					$= 8.83m^2$
30m x $\frac{3.61 + 3.09 + 6.80}{3} \times 0.075$					$= 10.125 "$
30m x $\frac{3.96 + 5.18}{2} \times 0.075$					$= 10.283 "$
30m x $\frac{5.18 + 3.75}{2} \times 0.075$					$= 10.046 "$
30m x $\frac{3.75 + 3.85}{2} \times 0.075$					$= 8.55 "$
30m x $\frac{3.85 + 3.75}{2} \times 0.075$					$= 8.55 "$
7x30m x 3.75 x 0.075					$= 59.60 "$
5m x 3.75 x 0.075					$= 1.40 "$
					$117.384m^2$

5 For Dry lean Cement

Concrete do-do					
10x 3.0m x 0.075					$= 2.32m^2$
					Limit $= 2.25m^2$
6 Const'n of Elec Pipe-					
menl as per Specification					
30m x $\frac{4.24 + 3.61}{2} \times 0.16m$					$= 18.84m^2$
30m x $\frac{3.61 + 3.09 + 6.80}{3} \times 0.16$					$= 21.60 "$
30m x $\frac{3.96 + 5.18}{2} \times 0.16$					$= 21.936 "$
30m x $\frac{5.18 + 3.75}{2} \times 0.16$					$= 21.432 "$
30m x $\frac{3.75 + 3.85}{2} \times 0.16$					$= 18.24 "$
30m x $\frac{3.85 + 3.75}{2} \times 0.16$					$= 18.24 "$
7m x 30m x 3.75 x 0.16					$= 126.00 "$
5m x 3.75 x 0.16					$= 2.00 "$

Continuation

249.28m²

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 P.I.F.F. 1090 Board as per Specification					
				qty: 3 Nos	
3 Exc in Excavation in Structure as per Drawing and technical Specification do-do					
Excavation					
2 x 9.10 x 2.133 x 0.160 = 62.112 m ³					
Return wall					
4 x 1.767 x 1.950 x 0.16 = 22.052 "					
Excavation					
2 x 8.30 x 1.40 x 0.250 = 2.695 "					
10% qty Extra					8.686 "
					95.55 m ³
4 Sand Filling in Foundation					
Excavation do-do					
1 x 2.70 x 2.629 x 0.100 = 2.024 m ³					
				Qty: 2.02 m ³	
10 Poor P.C.C (1:2:5)					
For main Concrete open Foundation do-do					
Excavation					
2 x 9.10 x 2.133 x 0.20 = 2.764 m ³					
Excavation					
4 x 1.767 x 1.950 x 0.20 = 2.757 "					
Excavation					
1 x 2.70 x 2.726 x 0.150 = 2.16 "					
Excavation					
2 x 8.30 x 1.333 x 0.140 = 2.951 "					
4 x 1.767 x 1.450 x 1.40 = 14.248 "					
					65.98 m ³
11 Poor P.C.C (1:2:5) in Sub.					
Structure as per Specification					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
<u>A</u>					
$2 \times 7.5 \times 0.917 \times 1.20$					$= 17.88 \text{ m}$
$4 \times 1.98 \times 0.675 \times 1.65$					$= 8.82 \text{ ''}$
<u>Alcap</u>					
$2 \times 7.50 \times 0.700 \times 0.200$					$= 2.10 \text{ ''}$
<u>Lint</u>					
$2 \times 7.50 \times 0.40 \times 0.20$					$= 1.20 \text{ ''}$
					20.60 m
<u>12 P.C.C. in Deck slab</u>					
as per specification					
$1 \times 7.50 \times 2.560 \times 0.20$					$= 8.01 \text{ m}$
<u>18 For Hyd Barrainfo-</u>					
<u>rement Concrete as per</u>					
<u>specification</u>					
$2.900 \times 25.00 \text{ kg}$					$= 292.50 \text{ kg}$
$8.01 \times 105.00 \text{ kg}$					$= 841.00 \text{ kg}$
					1133.50 kg
<u>2% Extra</u>					22.67 ''
					1156.22 kg
					$= 1.150 \text{ m}$
<u>14 For weep hole in Brick</u>					
<u>masonry do-do</u>					
					<u>Qty: 2 Nos</u>
<u>15 Reinforced Cement</u>					
<u>Concrete on 15 grade km</u>					
<u>Stone do-do</u>					
					<u>Qty: 2 Nos</u>
<u>16 P/C/G 200mm 15m Stone</u>					
<u>do-do</u>					
					<u>Qty: 2 Nos</u>

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
12 Direction & place identification sign with size					
0.90m ² do-do					
					qty: 1.92m ²
13 P/F/R retro-reflective					
600mm equilateral Board					
do-do					
					qty: 7 Nos
14 P/F/R 600mm Circular					
as per specification					
20 P/F/R 600mm x 450mm					qty: 22 Nos
rectangular do-do					
					qty: 1 Nos
21 P/F/R 900mm octagon					
Stop Board do-do					
					qty: 1 Nos
22 Reinforced Cement					
Concrete @ 15 grade					
Boundary pillars do-do					
					qty: 16 Nos
23 Painting New letters					
and figures of any shade					
do-do.					
					qty: 252.10 H.F
24 Road marking with hot					
applied thermoplastic Com.					
bound do-do					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2x30x0.10					= 6.00m ²
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x30x0.10					= 6.00 "
2x15x0.10					= 3.00 "

75.00m²

25 Painting two Coat New
Concrete Surface as per
Specification.

Side	4x9.00x0.600	= 21.60m ²
Top	2x9.00x0.400	= 7.20 "
Base	4x0.400x0.600	= 0.96 "
		<u>29.76m²</u>

26 For Bitumen over top
Surface do-do

Top	2x7.50x0.700	= 10.50m ²
Side wall	2x7.50x0.300	= 4.50 "
		<u>15.00m²</u>

22 For Joint filling as

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
4 Floor Spreading Compacting C.B.M.-III do-do					
Vide G.M.P. (8) item (4)					
117.884m ² @ 2215 = 20/m ² - 260029 = W					
5 Floor Dry lean Cement Concrete do-do					
Vide G.M.P. (8) item (5)					
2.25m ² @ 6028 = 67/m ² - 13584 = W					
6 Cast in place Pavement as per specification					
Vide G.M.P. (8) item (6)					
249.28m ² @ 7541 = 42/m ² - 1879928 = W					
7 Floor logo board as per specification					
Vide G.M.P. (8) item (7)					
2 nos @ 11186 = 39/each - 23559 = W					
8 Plaster Excavation for Structure do-do					
Vide G.M.P. (4) item (8)					
95.55m ² @ 383 = 28/m ² - 26622 = W					
9 Sand filling in foundation trenches do-do					
Vide G.M.P. (4) item (9)					
2.0m ² @ 568 = 71/m ² - 1139 = W					
10 P.C.C.M.S (1:2:5:5) for plain Concrete open foundation do-do					
Vide G.M.P. (4) item (10)					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
65.98m ² @ 6028-67/m ² - 397772 = u					
11 For 1020 (P.C.C) in Sub.					
Structure do-do					
Vide G.M. B.P. (5) item. (11)					
80.60m ² @ 2032-87/m ² - 215286 = u					
12 R.C.C. in Deck slab					
as per specification.					
Vide G.M. B.P. (5) item. (12)					
8.01m ² @ 7789-69/m ² - 62895 = u					
13 For Hys. D. 20mm rainbor					
recedment do-do					
Vide G.M. B.P. (5) item. (13)					
1.160m ² @ 77921-87/m ² - 90390 = u					
14 For weep hole in Brick					
Masonry do-do					
Vide G.M. B.P. (5) item. (14)					
28 Nos @ 93-12/Each - 2607 = u					
15 For reinforced concrete					
Concrete 0.15 Km Stone					
do-do					
Vide G.M. B.P. (5) item. (15)					
2 Nos @ 2686-37/Each - 5378 = u					
16 For 200mm km Stone					
do-do					
Vide G.M. B.P. (5) item. (16)					
2 Nos @ 786-06/Each - 1572 = u					
17 Direction & place identifi-					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Location as per specification.					
Vide G.M.B.P. (6) item - (17)					
1.92m ² @ 12595 = 86/m ² - 24188 = u					
18 Floor & fixing of metro.					
600mm Equilateral triangle					
do. do.					
Vide G.M.B.P. (6) item - (18)					
7 Nos @ 3588 = 62/each - 25120 = u					
19 Floor & fixing 600mm					
Circular do. do.					
Vide G.M.B.P. (7) item - (19)					
2 Nos @ 3759 = 12/each - 7518 = u					
20 Floor & fixing 600mm					
4500mm rectangular do. do.					
Vide G.M.B.P. (6) item - (20)					
1 Nos @ 3634 = 77/each - 3635 = u					
21 Floor & fixing 900mm					
octagonal stop do. do.					
Vide G.M.B.P. (6) item - (21)					
1 Nos @ 7429 = 83/each - 74802 = u					
22 Reinforced Cement					
Concrete 60:15 grade					
Boundary pillar do. do.					
Vide G.M.B.P. (2) item - (22)					
16 Nos @ 690 = 48/each - 11048 = u					
23 Painting Neco 1 after					
and figure at any shade					

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
do-do					
Vide G.M.B.P. (1) item (23)					
312 Nos @ 0.72/each - 253.44					
24 Road marking with					
Hot applied do-do					
Vide G.M.B.P. (8) item (24)					
Vide G.M.B.P. (8) item (24)					
25.00 m ² @ 888.96/m ² - 66672.00					
25 Painting two coat of					
Concrete Surfaces do-do					
Vide G.M.B.P. (8) item (23)					
29.76 m ² @ 123.24/m ² - 3668.00					
26 Poor Bitumen painting					
over top Surface of concrete					
at top do-do					
Vide G.M.B.P. (9) item (26)					
15.00 m ² @ 30.77/m ² - 461.55					
27 Poor & filling Joint/Seal-					
ing Compound do-do					
Vide G.M.B.P. (9) item (27)					
15.00 Rm @ 53.21/Rm - 798.15					
					Rs 3196933.00
18% G.S.T. - 629448.00					
1% C.C.E.S. (H) 34969.00					
S.F. (H) 32917.00					
					Rs 4194257.00

Continuation

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