

MMGSVY-CSC

Schedule XLV-Form No. 134

MOK Bridge To Danchua

TIKARI

DIVISION

E. E. R. W. D

Pakge No MMGSVY/23-24/Tekari-05

A. E. R. W. D

SUB-DIVISION

M/s Magesh construction works Kanch

4981

1115

MEASUREMENT BOOK

2nd and final bill

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Name of work -					mak bridge
to structure					
Agency -					MIS malpadi
Construction works.					
Agreement No -					11/MBD/mm65UYI
					2024-25
Date of commencement					3-10-24
Date of completion					02-07-2025

(1) PIV and applying primer

Coat with Bitumen SS-1

$$60 \times 30.00 \times 3.75 = 6750.00 \text{ m}^2$$

$$5 \times 30.00 \times 3.75 = 562.50 \text{ m}^2$$

$$7312.50 \text{ m}^2$$

(2) PIV and applying Tack

Coat with Bitumen RS-1

$$60 \times 30.00 \times 3.75 = 6750.00 \text{ m}^2$$

$$3 \times 30.00 \times \frac{3.75 + 4.70}{2} = 380.25 \text{ m}^2$$

$$2 \times 30.00 \times \frac{3.75 + 4.70}{2} = 259.50 \text{ m}^2$$

$$7389.75 \text{ m}^2$$

$$\text{Limit} = 7385.63 \text{ m}^2$$

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(3) Plv and laying bituminous macadam					
	60	30.00	3.75	0.050	317.50m
	3	30.00	$\frac{3.75+4.75}{2}$	0.050	19.01m
	2	30.00	$\frac{3.75+4.75}{2}$	0.050	12.98m
					369.48m
					Limit = 369.28m ²
(4) Plv and applying tack coat (RS-1)					
	60	30.00	3.75		
	60	30.00	3.75		6750.00m ²
	3	30.00	$\frac{3.75+4.75}{2}$		380.25m ²
	2	30.00	$\frac{3.75+4.75}{2}$		259.50m ²
					7389.75m ²
					Limit = 7385.62m ²
(5) Plv and laying Semi dense bituminous concrete					
	60	30.00	3.75	0.025	168.75m ²
	3	30.00	$\frac{3.75+4.75}{2}$	0.025	9.50m ²
	2	30.00	$\frac{3.75+4.75}{2}$	0.025	6.48m ²
					184.65m ²
					Limit = 184.64m ²

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(6) Plv and Laying of					
R.C.C. pipe down 30 mm					
along cross the road.					
6 x 7.50					= 45.00 m
(7) Brick masonry in cm					
(1:3) in parapet					
4 x 6.0 x 0.40 x 0.60					= 5.76 m ²
(8) plastering with (1:4)					
Side face					
4 x 4 x 6.0 x 0.60					= 57.60 m ²
Top					4 x 2 x 6.0 x 0.40 = 19.20 m ²
front face					
4 x 4 x 0.40 x 0.60					= 3.84 m ²
					80.64 m ²
(9) painting on parapet					
work					
side face 4 x 4 x 6.0 x 0.60					= 57.60 m ²
Top					4 x 2 x 6.0 x 0.40 = 19.20 m ²
front face 4 x 4 x 0.40 x 0.60					= 3.84 m ²
					80.64 m ²
(10) planting of trees by the					
road side					
$\frac{1950}{50} = 39$					39 Nos
(11) Construction of Subgrade					
and Earthen shoulder					
2 x 30 x 20.00 x 2.00 x 0.200					= 1080.00 m ³
2 x 26 x 20.00 x 1.875 x 0.200					= 731.25 m ³

Continuation

Continuation

Abstract Cost of Cost final

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) p.v. & fixing of working bench marks pillar					
page (9) item (1)					
2 km @ 122.76.11 / km					124552 =
(2) Clearing and grubbing					
Road Land page (9) item (2)					
1.56 km @ 76926.03 / km					120005 =
(3) Scrutiny cutting					
Luminous surface m. (1)					
item (3)					
2193.75 m ² @ 206 m ²					45205 =

(4) Construction of embankment					
(4.5) with materials obtained from borrow pits page (9)					
item (4)					
for 1000 m lead					
1042.06 m ³ @ 261.18 m ³					272167 =
for 1000 m lead					
694.712 m ³ @ 173.51 m ³					120539
(5) Construction of subgrade and earthwork between piers					
item (11)					
1828.13 m ³ @ 264.767 m ³					484029
					1066497 =

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		B.F.			61066497=
(6/9) P.V. 7/250-7 by P.V. mold gradient m/s/m/s by C(9) item(5)					
797.475 m ³ @ 623/3.891 m ³					61845263
(7/9) P.V. laying spreading sand compaction with 6/111 page (9) item(6)					
608.77 m ³ @ 63594.97/m ³					62188508=
(8/10) P.V. and applying primer coat (55-1) page (12) item(1)					
7312.50 m ³ @ 654.627 m ³					6399533=
(9/11) P.V. and applying Tack coat (P-1) page (12) item(2)					
7385.62 m ³ @ 619.762 m ³					61385692
(10/12) P.V. and applying Tack coat (P-1) page (13) item(4)					
7385.62 m ³ @ 615.705 m ³					6115991=
(11/13) P.V. and laying bituminous macadam page (12) item(3)					
369.28 m ³ @ 69648.34 m ³					63562939=
(12/14) P.V. and laying S.D.R.C. page (12) item(5)					
184.64 m ³ @ 611910.04 m ³					62199070=
					611516276=

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
		B-F			611516276 =
(13) Kilometre Stone					
(16/17) R.C.C. 15 pcc (15) item (13)					
(17) Kms Stone					
3 Nos @ Rs 2542.16/each					Rs 7626 =
(17) 2cm Stone					
8 Nos @ Rs 741.55/each					Rs 5932 =
(14/15) P/U and fixing of					
manhole infra red sign					
page (15) item (14)					
3 Nos @ Rs 10565.70/each					Rs 31697 =
(15) P/U and fixing of					
20/21 Retra-reflective					
(17) page (15) item (15)					
(i) 60mm equilateral					
4 Nos @ Rs 3906.024/each					Rs 15624 =
(ii) 60mm Circular					
2 Nos @ Rs 5319.75/each					Rs 10660 =
(iii) 60mm x 45mm rebar					
1 No @ Rs 5184.017/each					Rs 5184 =
(iv) 90mm side octagon					
1 No @ Rs 9690.626/each					Rs 9691 =
(16) P/U and laying of					
24 applied thermoplastic					
Red marking page (15) item (12)					
390.00m ² @ Rs 886.50/m ²					Rs 345735 =
					Rs 12008425 =

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B.F. —					112008425 =
(12) planting of trees by road side. (14) (15)					
33 Nos @ 186.45 stone. —					15462.72 =
(18) 1 P.V. and 1 siphon of R.C. pipe along compound					
eye (14) item (6)					
15 cm @ 1175.724/m —					152908 =
(19) Brick masonry in (13)					
28 eye (14) item (7)					
5-76 m ³ @ 15945.46/m ³ —					140006 =
(20) plastering with 1:4:8 (1:4) proportion (8)					
80.64 m ² @ 1942.91/m ² —					15668 =
(21) painting of parapet wall page (14) item (9)					
80.64 m ² @ 139.64/m ² —					11222 =
					12174501 = 0
Add 1% L.C. —					121745 =
Add 10% S.F. —					1222768 = 0
					12519014 =
Add GST 18% —					12253423 =
					14772437 =
less 15% below —					12215866 =
					12556571 =

Continuation

Continuation