

Const. And Maintenance of Road From Samniya to
Baluchowk under (MMGSY (SC))

Measurement Book

Schedule XLV-Form No. 134

कार्यपालक अभियन्ता

| ग्रामीण कार्य विभाग

कार्य प्रगति कादम्बरी

DIVISION

RWD works

SUB-DIVISION

Hazansar.

M.B.N.-1967 / 2020-21

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.	
Name of Work:- Construction and maintenance of Road from Sauriya To Balua Chowk Under MMESY (SC).					
Agency:- Rajesh Kumar Singh					
Agreement No:- 26SB/120-21					
Agreement Amt:- Rs. 2886646.00					
Date of commencement:- 06-07-20					
Date of completion:- 05-04-21					

Record measurement					
(1/2) Plt and fixing of typical MMESY					
informatory sign board					
all comp. job.					
1 x 4.00 No. = 4.00 No.					
(2/2) clearing and grubbing					
road land all comp.					
job.					
2 x 4 x 30m x 3.50m = 840.00m ²					
2 x 1 x 28m x 3.50m = 196.00 "					
2 x 2 x 30m x 3.50m = 630.00 "					
2 x 1 x 30m x 3.50m = 210.00 "					
2 x 1 x 12m x 3.50m = 84.00 "					

Continuation

IS+ on A/c bill

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work:- Construction and Maintenance of road from Sauriya To Balua Chowk under M.M.S.Y (S.C).					
Agency:- Rajesh Kumar Singh					
Agreement No:- 26 S.B. 120-21					
Agreement Amt:- Rs. 28 86 64 6.00					
Date of commencement:- 06-07-20					
Date of completion:- 05-04-21					
(1) ii) Plr & fixing of Working benchmark					

Pillars all comp. job.					
1.00 No. O.V.T.M.B.P-2, S(1 ³ / ₂)(i)					
@ Rs. 4327.00/each - Rs. 4327.00					
(ii) Plr & fixing of Working					
Reference pillar all					
comp. job.					
1.00 No. O.V.T.M.B.P-2, S(1 ³ / ₂)(ii)					
@ Rs. 1976.24/each - Rs. 1976.00					
(2/2) clearing and grubbing					
road land all comp.					
job.					
0.23 Hact. O.V.T.M.B.P-2, S(1 ³ / ₂)(2/2)					
@ Rs. 51133.76/Hact. - Rs. 11761.00					
C.D. Rs. 18064.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. P.S.	18064.00
($\frac{3}{3}$) Excavation for					
road way in soil					
all comp. job.					
25.00 m ³ O.V.T. MBP-2, S1-($\frac{1}{3}$)					
@ Rs 75.50/m ³ - Rs.					1888.00
($\frac{4}{4}$) Construction of					
embankment with					
approved material					
from road way cutting					
all comp. job.					
15.00 m ³ O.V.T. MBP-2, S1-($\frac{2}{4}$)					
@ Rs 26.46/m ³ - Rs.					397.00

($\frac{5}{5}$) Construction of					
embankment lead					
1000m all comp. job.					
738.317 m ³ O.V.T. MBP-3, S1-($\frac{3}{5}$)					
Unit to					
735.19 m ³					
@ Rs 189.92/m ³ - Rs.					139627.00

($\frac{6}{6}$) Construction of					
Subgrade and earthen					
shoulder with approved					
material all comp. job.					
43.33 m ³ O.V.T. MBP-6, S1-($\frac{1}{6}$)					
15.98					
39.60 m ³ " " P-7, S1-($\frac{1}{6}$)					
62.31 m ³					
62.31 m ³					
Unit to					
22.00 m ³					
@ Rs 31.40/m ³ - Rs.					15856.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B. f. P.S.	175862.00
(7) Construction of					
C/S B with stone					
Metal all comp. job.					
68.24 m ³ O.V.T.MBP-4.51-($\frac{1}{7}$)					
Limit to					
66.41 m ³ @ Rs. 3046.04/m ³ - Rs. 202288.00					
(8) Pls, laying, spreading					
and compacting WBM					
Curr-TTL all comp. job.					
95.01 m ³ O.V.T.MBP-5.91-($\frac{1}{8}$)					
Limit to					
94.67 m ³					
@ Rs. 3636.45/m ³ - Rs. 344263.00					

(9) Construction of					
PCC m 30 in pavement					
all comp. job.					
202.73 m ³ O.V.T.MBP-7.51-($\frac{2}{9}$)					
Limit to					
201.96 m ³					
@ Rs. 6892.16/m ³ - Rs. 1391941.00					
(10) laying brick soling					
laid on prepared					
sub grade with brick					
on end edging all					
Comp. job.					
165.00 m ² O.V.T.MBP-8.51-($\frac{2}{10}$)					
@ Rs. 548.71/m ² - Rs. 90537.00					
(11) ordinary Kilometer					
Stone (Precast)					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.P.A.	2204891.00
2.00 Nos. O.V.T.MBP-3, 51- $\frac{3}{11}$ (i)					
@ Rs. 2230.38/each-Rs.					4461.00
(ii) 200mm stone (precast)					
1.00 Nos. O.V.T.MBP-3, 51- $\frac{3}{11}$ (ii)					
@ 604.70/each -Rs.					605.00
($\frac{12}{12}$) Plaster fixing etc					
typical masonry					
informatory sign					
board on comp. job.					
4.00 Nos. O.V.T.MBP-1, 51- $\frac{1}{2}$					
@ Rs. 8954.00/each-Rs.					35816.00

($\frac{13}{13}$) Reinforced cement					
concrete M15 grade					
boundary pillars all					
comp. job.					
8.00 Nos. O.V.T.MBP-10, 51- $\frac{5}{13}$					
@ Rs. 503.02/each -Rs.					4024.00
($\frac{14}{14}$)(i) 600mm equilateral					
8 triangle board.					
5.00 Nos. O.V.T.MBP-10, 51- $\frac{4}{14}$ (i)					
@ Rs. 3562.76/each -Rs.					17814.00
(ii) 600mm x 450mm rectangular					
board.					
4.00 Nos. O.V.T.MBP-10, 51- $\frac{4}{14}$ (ii)					
@ Rs. 4662.23/each -Rs.					18649.00
					50.00
					2286260.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.f.P.S.	2286260.00
(iii) 900 mm Side Octagon board.					
2.00 Nos O.V.T.MBP-10, 51- $\frac{4}{16}$ (iii)					
@RS.8539.33/each -RS.					17079.00
($\frac{15}{15}$) Road marking with					
Hot applied Thermo-					
plastic compound all					
comp. job.					
66.00 m ² O.V.T.MBP-10, 51- $\frac{4}{15}$					
@RS.809.86/m ² -RS.					53451.00
($\frac{16}{16}$) Plaster pcc M20.					
architectural coping					
on the top of wing					
Wall all comp. job.					
5.00 m O.V.T.MBP-9, 51- $(\frac{1}{16})$					
@RS.408.67/m -RS.					2043.00
($\frac{17}{17}$) Plastering with C.M.(1:4)					
on brick work in					
sub-structure all					
comp. job.					
8.96 m ² O.V.T.MBP-9, 51- $(\frac{2}{17})$					
@RS.185.13/m ² -RS.					1659.00
					RS. 2360492.00
Add 12% Cont(+) RS.					283259.00
Add 1% L.Cess(+) RS.					23605.00
					RS. 2667356.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rd	2667356.00
Add Seigniorage:-					
Item No:-	Qty	Rate X 10%			
(5) E.W -	735.19 m ³	34.81/m ³ = 2559.00			
(6) subgrade -	82.91 m ³	34.81/m ³ = 289.00			
(7) GSB -	66.41 m ³	581.09/m ³ = 3859.00			
(8) WBM -	94.67 m ³	714.30/m ³ = 6762.00			
(9) PCC M30 -	201.96 m ³	602.90/m ³ = 12176.00			
(10) brick setting -	165.00 m ³	391.86/m ³ = 6466.00			
Total					RS 2699467.00
Executive Engineer					<i>Singh</i>
R.W.D (W) Division, Katihar					10/10/2020
					A-E

Material Statement		
1.) E.W =	818.10 m ³	@ 34.81/m ³
2.) Aggregate size:-		
(i) 53mm - 3.5mm =	39.85 m ³	@ 620.62/m ³
(ii) 9.5mm - 2.36mm =	15.94 m ³	@ 514.58/m ³
(iii) 2.36mm below =	23.91 m ³	@ 236.71/m ³
(iv) 53mm - 22.4mm =	114.55 m ³	@ 511.44/m ³
(v) 11.2mm (St. Screening) =	22.72 m ³	@ 397.73/m ³
(vi) Crushed St. Agg =	181.76 m ³	@ 581.99/m ³
3.) C. Sand =	93.03 m ³	@ 175.80/m ³
4.) Brick =	10185 Nos	@ 6.26/m ³
5.) Fine Sand =	6.60 m ³	@ 141.85/m ³
<i>Singh</i>		
10/10/2020		