

HEAD - mmsg (sc)

Name of work - const & five year maint of Road from
Gopalpur Dushah Tala under mmsg (sc)

Schedule XLV-Form No.-134

1/800/mmsg (sc)

2018-19

Pali Jani

DIVISION

Name of AE - mmsg J. Kumar

SUB-DIVISION

MEASUREMENT BOOK

5H

Name of Agency - Satyam Associates

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.	
Ist on A/c Bill					
Name of work - Contention					
2 five year maintenance					
of Road from Gopal Pur					
to Gopal Pur Dusaad					
Tolls under m.m.G.S.Y					
Se					
Agency - Satgarn Aesa					
MDEK					
G.S.A.					

Estimated cost - 63,46,634/-

Agreement Value - 63,46,634/-

Date of work 12.6.18

Date of completion - 11.6.19

(1) cleaning & grubbing

the road land

$$3 \times 30.00 \times 4.50 = 405.00$$

$$4 \times 30.00 \times 4.00 = 480.00$$

$$3 \times 10.00 \times 1.20 = 36.00$$

$$921.00 \text{ m}^2$$

(2) Excavation of Road

all curb job

$$2 \times 3 \times 30.00 \times 0.775 \times 0.075 = 10.46$$

$$2 \times 5 \times 30.00 \times 0.775 \times 0.075 = 17.43$$

$$2 \times 12 \times 0.775 \times 0.075 = 1.39$$

$$29.28 \text{ m}^3$$

Continuation

2nd year Maint^y Bill

38

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const ^y &					
five year maint ^y of Rd.					
from Gopalpur to Gopalpur					
dasakhola under					
MMGSY (SC)					
Agency - Satyam Associates					
Agree. No - 04/SBD/MMGSY(SC)					
2018-19.					
Date of Commencement - 10/06/2018					
Date of Actual Completion - 07-03-2020					

① Restoration of drains					
1x 9.25	x 1.55	x 0.25	-	3.58 m ³	
3x 8.05	x 0.70	x 0.25	-	4.23 m ³	
5x 9.40	x 0.90	x 0.30	-	12.15 m ³	
2x 10.40	x 1.50	x 0.25	-	7.50 m ³	
5x 3.55	x 1.55	x 0.30	-	8.25 m ³	
4x 7.05	x 1.65	x 0.20	-	9.31 m ³	
9x 4.50	x 1.50	x 0.25	-	11.19 m ³	
				60.21 m ³	

② Making up of Berms/Shoulder					
8x 12.40	x 1.20	-	9.60 m ²		
6x 5.50	x 1.25	-	41.25 m ²		
4x 10.05	x 1.15	-	46.25 m ²		
7x 7.50	x 1.10	-	57.75 m ²		

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
6 x 9.00 x 1.15	—				62.10 m ²
2 x 12.00 x 1.20	—				28.80 m ²
6 x 5.00 x 1.10	—				33.00 m ²
3 x 10.00 x 1.20	—				36.00 m ²
4 x 7.00 x 1.05	—				29.40 m ²
					344.15 m ²

③ Patch repair over bituminous surface.

with 20 mm Premix Layer

12 x 0.75 x 0.80	—				9.12 m ²
9 x 1.00 x 1.40	—				12.60 m ²
10 x 1.20 x 0.85	—				10.20 m ²
					31.92 m ²

④ Maint. of Rd. Signs - 0.12 km

⑤ Maint. of 20 m. kerbs - 0.15 km

⑥ Cutting of branches of trees

& shrubs - 3 NOS.

⑦ Cutting of shrubs from

roadway - 11 NOS.

⑧ Trimming of grass & weeds - 5.85 m²

Depd.

65/03/2022

J-E

5/8/22 AB

Abstract of cost.

① Restoration of raincoat.

60.21 m³ qty vide TNER (38)

item ① @ Rs. 345.10/m³ - Rs. 20778.00

② Making up of Bays/shoulder

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
344.15 m ² Qty v ^{te} TMBP (38-39)					
item (2) @ Rs. 50.94/m ² - Rs. 17531.20					
(3/5) Patch repair on bituminous surface.					
31.92 m ² Qty v ^{te} TMBP (39)					
item (3) @ Rs. 246.33/m ² - Rs. 7863.20					
(4/9) Maint ^y of Rd. M ^{ns} .					
0.12 km Qty v ^{te} TMBP (39)					
item (4) @ 1062.74/km - Rs. 131200					
(5/11) Maint ^y of road km part					
10.15 km Qty v ^{te} TMBP (39)					
item (5) @ Rs. 613.77/km - Rs. 94200					
(6/11ii) cutting of branches of					

trees from and shrubs.					
3 Nos. Qty v ^{te} TMBP (39)					
item (6) @ Rs. 104.48/No - Rs. 313200					
(7/11ii) cutting of 3 trees from					
roadway.					
11 Nos. Qty v ^{te} TMBP (39)					
item (7) @ Rs. 6.42/No - Rs. 71200					
(8/11ii) Trimming of grass & weeds					
5.85 m ² Qty v ^{te} TMBP (39)					
item (8) @ Rs. 2.14/m ² - Rs. 13200					
below 0.01 m ² as per affix					
Rs. 46,794.20					
Rs. 46,789					
24/6/24					
05/03/22					
J.E					

Executive Engineer
Rural Works Department
Works Division, Paligani

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

3rd Year Maintenance 6511

Name of work - Maintenance of road
from Gopalpur to Gopalpur
Dusadh Pol under mmwy (SR)

Contractor - Satyam Association

Agreement no - 04 SB2/MMWY/SR/2018-19

Date of Maint. start - 08-03-2022

Date of Maint. Comp. - 07-03-2023

Date of entry - 06-03-2023

Work done

(1) Restoration of raincut/berms

with soil, measure etc

do do

744x	1.50m	0.40m	0.3m	1.26m ³
944x	1.10m	0.30m	0.25m	0.74
1244x	1.00m	0.350m	0.20m	0.84
2844x	1.20m	0.450m	0.30m	4.53
2444x	1.05m	0.60m	0.30m	4.53
3844x	1.10m	0.450m	0.250m	4.20
4244x	1.25m	0.40m	0.30m	6.20
2744x	1.50m	0.60m	0.30m	7.29
4044x	1.50m	0.450m	0.30m	8.10
3744x	1.45m	0.30m	0.30m	8.05
6044x	1.10m	0.40m	0.30m	0.66
1244x	1.45m	0.60m	0.30m	3.13
644x	1.50m	0.550m	0.30m	1.485
1144x	1.75m	0.450m	0.250m	2.16
				<u>53.77m³</u>

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) Sand		0.72m ²			
(8) Bitumen emulsion (A-1)					0.050m ²
(9) Bitumen emulsion (S-1)					0.048m ²
(10) Bitumen 1b-10					0.254m ²
(11) Bitumen 1b-30					0.310m ²
06/03/2023					
06/3/23					

ABSTRACT OF COST

① Restoration of rainwater ab —

Qty of T.M.B.P. (43) 71.23 m²@ 345.10/m² — 24581.20

② Repair upst. shoulder ab —

Qty of T.M.B.P. (43) 344.22 m²@ 50.94/m² — 17535.20

③ Repair of pot holes ab —

Qty of T.M.B.P. (43) 4.02 m²@ 8247.47/m² — 33155.20

④ Patch repair over pot holes

Qty of T.M.B.P. (43) 53.66 m²@ 234.71/m² — 12595.20

⑤ Patches repair ab —

Qty of T.M.B.P. (43) 64.80 m²@ 246.33/m² — 15962.20

Continuation

10382.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Maint. of road work done					103828
Qty side T.M.B.P. (44)		0.11m			
		1104.35/each			1104
② Maint. of road work done					
Qty side T.M.B.P. (44)		0.15m			
		1067.44/each			1067
③ Maint. of road work done					
Qty side T.M.B.P. (44)		0.18m			
		613.97/each			614
④ Cutting & formation of road					
Qty side T.M.B.P. (44)		0.30m			
		104.48/each			313

⑤ cutting of shrubs					
Qty side T.M.B.P. (45)		11m			
		6.42/each			71
⑥ White washing on parapets					
Qty side T.M.B.P. (45)		13.26m ²			
		15.62/m ²			207
					1,05,794
Less 0.01% below cost of Rs. 100					11
					payable Rs. 1,05,783

06/03/2023
06/03/23
Executive Engineer
Rural Works Department
Works Division, Paliganj

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4th year maintenance bill					
Name of work - Maintenance of road					
from Gopalpur to Gopalpur					
Dusadh Pole under MMBJ (SC)					
Contractor - Satyame Association					
Agreement No. - 04500/MMBJ/LSU/20					
Date of Maint. Start - 08-03-2023					
Date of Maint. Comp. - 07-03-2024					
Date of entry - 21-03-2024					
work done					
① Restoration of raincuts/borings					
with soil, masonry etc.					
do do					

8m x	1.60m	x	0.4m	x	0.3m	=	1.536m ³
9m x	1.20m	x	0.35m	x	0.25m	=	0.945
12m x	1.10m	x	0.4m	x	0.20m	=	1.052
28m x	1.30m	x	0.45m	x	0.3m	=	4.914
24m x	1.05m	x	0.33m	x	0.3m	=	4.158
35m x	1.2m	x	0.50m	x	0.3m	=	6.30m ³
42m x	1.30m	x	0.41m	x	0.3m	=	6.716
28m x	1.35m	x	0.45m	x	0.3m	=	5.103
41m x	1.30m	x	0.49m	x	0.3m	=	9.04
38m x	1.45m	x	0.50m	x	0.25m	=	7.714
7m x	1.20m	x	0.45m	x	0.3m	=	1.134
13m x	1.146m	x	0.6m	x	0.3m	=	3.416
8m x	1.45m	x	0.50m	x	0.3m	=	1.914
12m x	1.55m	x	0.45m	x	0.3m	=	2.511
8m x	0.95m	x	0.45m	x	0.25m	=	0.855

Total = 57.312m³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	DM	
⑥ Crushed stone egg - 4.44m ²					
⑦ sand - 1.03m ²					
⑧ Bitumen emulsion (SS-1) - 0.067MT					
⑨ Bitumen emulsion (RS-1) - 0.065MT					
⑩ Bitumen Vh-10 - 0.353MT					
⑪ Bitumen Vh-20 - 0.413MT					
21/03/2024					
681					
21/03/2024					

ABSTRACT OF COST					
① Restoration of rain water					
Qty of T.M.B.P. (49) 80.814m ²					
@ 345.10/m ² -					27889.20
② Making up berms/shoulder					
Qty of T.M.B.P. (49) 458.76m ²					
@ 50.99/m ² -					23369.20
③ Repair of pot holes					
Qty of T.M.B.P. (49) 57.399m ²					
@ 8247.49/m ² -					44528.20
④ Patching repair over pot holes					
Qty of T.M.B.P. (50) 72.00m ²					
@ 234.70/m ² -					16899.20
					112685.20

Continuation

MFD 1126852

Particulars	Details of actual measurement				Contents of area
	No.	L.A.	B.	D.	
① Lateral repair					
② Hydraulic T.M.B. P. (SD) 89.81 m ²					
③ 246.33/m ²					22123
④ Maint. of work					
⑤ Hydraulic T.M.B. P. (SD) 0.1 m ²					
⑥ 1104.35/each					110422
⑦ Maint. of road sign					
⑧ Hydraulic T.M.B. P. (SD) 0.15 km					
⑨ 1067.44/1 km					16022
⑩ Maint. of road 6 km, some					
⑪ Hydraulic T.M.B. P. (SD) 0.18 km					
⑫ 213.97/1 km					11122
⑬ Cutting of branches of tree					
⑭ Hydraulic T.M.B. P. (SD) 0.2 N 4					
⑮ 104.48/each					31322
⑯ Cutting of shrubs					
⑰ Hydraulic T.M.B. P. (SD) 11 m ²					
⑱ 642/each					71222
⑲ whole washing & repair of road					
⑳ Hydraulic T.M.B. P. (SD) 13.26 m ²					
㉑ 15.63/m ²					20722
㉒ Total					1,36,774
Less 0.01% below 0.8% of 1,36,774					1422
Payable					1,36,760
for 03/03/2014					
for 24/6/24					
Executive Engineer					
Rural Works Department					
Works Division, Paliganj					