

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

4th on A/C B ill

Name of Work - Constn. and 5th years
maintenance of road from
Dighwa Mahadevpur -
Porrigsy path to
Bairichak in
Masaurhi Block under
mmgsy.

Name of Agency - M/s C. P. Singh
and co.
Jahana Lal.

Agreement No - 12/0135/2016-17

Date of Start - 25-06-2016

Date of Completion - 24-06-2017

Measurement

1. Constn of earthen embank

measured with - - - E.L.

$$2 \times 28 \times 25.00 \times 1.25 \times 0.30 = 525 \text{ m}^3$$

(a) From 100m level -

$$525 \times 0.30 = 157.50 \text{ m}^3$$

(b) From 10m level -

$$525 \times 0.70 = 367.50 \text{ m}^3$$

2. Constn of earthen sub

graded with - - - E.L.

$$2 \times 25 \times 25.00 \times 1.25 \times 0.30 = 393.75 \text{ m}^3$$

$$= 393.75 \text{ m}^3$$

3. Constn of G.S.B. with

graded - - - E.L.

$$3 \times 25 \times 4.05 \times 0.175 = 53.16 \text{ m}^3$$

$$\text{Curve} - 2 \times 25 \times 0.50 \times 0.175 = 0.87 \text{ m}^3$$

$$\text{Extra} - 3 \times 3.90 \times 0.60 \times 0.175 = 1.22 \text{ m}^3$$

Continuation

$$= 55.25 \text{ m}^3$$

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Abstract of cost

1. Paving of worky - P

Vide item No 1/PH-12

1.50 km $\times$ 15.383.60/km $\times$ 2 = 23075.00

2. Clearing & grubbing road

land including - - G.I.

Vide item No 2/PH-12

0.525 Ha $\times$ 36182.79/Ha = 18996.20

3. Construct embankment

with materials - - G.I.

(A) with 100 m lead -

1224.34 m³ Vide item No 26/PH-12

157.50 m³ Vide item No 16/PH-15

1381.84 m³ $\times$ 161.44/m³ = 223084.20

(B) with 100 m lead -

2273.78 m³ Vide item No 36/PH-12

367.50 m³ Vide item No 16/PH-15

2641.28 m³ $\times$ 144.65/m³ = 382061.20

4. Construct earthen sub-

grade with - - G.I.

2160.00 m³ Vide item No 4/PH-12

393.75 m³ Vide item No 2/PH-15

2553.75 m³ $\times$ 162.88/m³ = 415904.20

5. Construct C.S. G with

graded stone - - G.I.

637.88 m³ Vide item No 2/PH-12

55.25 m³ Vide item No 3/PH-15

693.13 m³ $\times$ 1928.51/m³ = 1336708.20

6. Paving, spreading and

compacting G.I. - - G.I.

267.18 m³ Vide item No 7/PH-12

7.932 m³ Vide item No 4/PH-16

275.112 m³ $\times$ 2828.21/m³ = 775682.20

$\times$ 3195510.20

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
			13.7	3195510200
7. Pro. Laying spreading and Compacting G.O. III - - -				
267.18m ³	Vide item No 8 PM 12			
7.932m ³	Vide item No 5 PM 16			
275.112m ³	2859.13/m ³			786581200
8. Pro. and applying primer Coat with Bitumen - - -				
	Vide item No 6 PM 16			
3675.14m ²	51.08/m ²			187726200
9. Pro. and applying tack Coat with - - -				
	Vide item No 7 PM 16			
3675.14m ²	17.89/m ²			65564200
10. Pro. Laying and rolling of open graded bitumen - - -				
	Vide item No 8 PM 16			
3675.14m ²	17.14/m ²			630176200
11. Pro. Laying Seal Coat for Sealing - - -				
	Vide item No 9 PM 17			
3675.14m ²	49.14/m ²			180596200
12. Construct G. S.B. with graded Stone - - -				
224.99m ³	Vide item No 6 PM 12			
7388m ³	Vide item No 10 PM 17			
298.87 = 297.81m ³	1928.51/m ³			574330200
13. Construct Unreinforced Concrete with - - -				
	Vide item No 11 PM 18			
359.81m ³	6432.88/m ³			2314607200
Continuation				7935090200

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
			1317		79,350.9000
14. Proc. and fixing of 1cm					
Stone				EP	
Vide item No. 12(ii) P.H.S.					
2 Nos. of 2010.75/Bach					4022.200
15. Proc. & fixing of 2cm					
Stone				EP	
Vide item No. 12(iii) P.H.S.					
7 Nos. of 566.57/Bach					3966.200
16. Proc. & fixing of Semi-circular					
Chorised				EP	
(a) 600mm equilateral triangle					
Vide item No. 13(i) P.H.S.					
2 Nos. of 1460.71/Bach					2920.200
(b) 600mm Circular					
Vide item No. 13(ii) P.H.S.					
2 Nos. of 1522.64/Bach					3045.200
(c) 800x600mm rectangular					
Vide item No. 13(iii) P.H.S.					
2 Nos. of 1619.51/Bach					3239.200
(d) 600mm x 450mm				EP	
Vide item No. 13(iv) P.H.S.					
4 Nos. of 1516.25/Bach					6065.200
17. Proc. and laying of Hume					
pipe of 300mm				EP	
Vide item No. 14 P.H.S.					
10.00m of 614.40/Bach					6144.200
18. Proc. and laying of Hot					
thermo plastic				EP	
Vide item No. 15 P.H.S.					
200.00m ² of 828.11/m ²					165622.200

Continuation

813011300

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
				BF	8130113200
19. E/w of K in escamb					
				Vide item No 17 PM 19	
14.91 m ³ BF				207.04 m ³ BF	3087200
20. Puccin m ⁵ in fth					
				Vide item No 18 PM 19	
1.963 m ³ BF				489672 m ³ BF	9612200
21. Brick masonry wall					
with cement mortar				BF	
				Vide item No 19 PM 19	
13.39 m ³ BF				6082.38 m ³ BF	81443200
22. Puccin and laying of					
pipe of 600 mm				BF	
				Vide item No 20 PM 19	
				Pipe No 19	
7.50 m BF				1242.12 m ³ BF	9316200
23. Puccin with cement plastering					
with cement				BF	
				Vide item No 21 PM 19	
20.52 m ³ BF				166.04 m ³ BF	3407200
RECALCULATED					
24. E/w of K in excavation					
				Vide item No 9 PM 13	
10.496 m ³					
66.14 m ³				Vide item No 22 PM 20	
76.636 m ³ BF				207.04 m ³ BF	15867200
25. Puccin P-CC MIS in					
fth with				BF	
				Vide item No 10 PM 13	
4.362 m ³					
10.194 m ³				Vide item No 23 PM 20	
14.553 m ³ BF				4896.72 m ³ BF	71262200
26. Brick masonry wall					
				BF	
80.75 m ³				Vide item No 11 PM 13	
32.28 m ³				Vide item No 24 PM 20	
112.95 m ³ BF				5796.38 m ³ BF	654701200
Continuation					
					897880820

Particulars	Details of actual measurement			Contents of area
	No	L	B	
				BR 8778808200
27. Boring Masonry work with cement — — — — —				ET
40.29 m ³ Vide item No 28 PM 21				
12.83 m ³ Vide item No 28 PM 21				
53.12 m ³ ET 6082.38/m ³ ET 323096200				
28. Proo. p.c.c. with plaster/Rein				
finer Canal — — — — —				ET
Vide item No 28 PM 21				
4.76 m ³ ET 5964.92/m ³ ET 28393200				
29. Proo. and laying R.C.C. in D/slab — — — — —				ET
Vide item No 28 PM 21				
18.576 m ³ ET 7162.90/m ³ ET 133058200				
30. S.I.P.P. and placing of				
H.Y.S.D. bars — — — — —				ET
Vide item No 28 PM 21				
2.132 m ³ ET 63471.72/m ³ ET 13532200				
31. Proo. and filling joint				
Sealing — — — — —				ET
Vide item No 29 PM 21				
15.0 m ³ ET 29.95/m ³ ET 449200				
32. Boring Masonry work with cement in — — — — —				ET
Vide item No 30 PM 22				
6.24 m ³ ET 6613.94/m ³ ET 41271200				
33. Plastering with cement mortar — — — — —				ET
Vide item No 31				
97.38 m ² Page No 22				
97.38 m ² ET 166.02/m ² ET 16167200				

Continuation

ET 9656564200

Particulars	Details of actual measurement				Contents of area
	No.	L	B	ID	
					BRF 9656564200
34 Pro. weep holes - 62					
32 Nos Vident no 32					
32 Nos Page no 22					
32 Nos of 129.66/6425					4149200
					₹ 9660713200
Less 10% As per Agreement					₹ 966071200
					₹ 869464200
Less previous bill					₹ 4371978200
					₹ 4322664200
					₹ 4322664200
14/03/2020					
JE/majumdar					
14/03/2020					
14/03/2020					

M/S C. P. SINGH & CO.

MMSY - Benichak

Schedule XLV - Form No. 134, M/S C. P. Singh & Co

Ag. No. → 12 SBD-16-17

For no. 1000000

BIHAR P. W. D.

MMSY (General)

DIVISION

RIW. D. Masaurin SUB-DIVISION

M. B. No. 832

MEASUREMENT BOOK. 832