

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work: Construction of road from Bankatwa Barkawa sadak to Barharwa Chhatlaka Tola ward no- 06					
Under MMGSY (SC)					
Length - 0.995 Km					
Agency - Radhika Construction Co Chhauradano					
East Champaran					
Agreement no - 1388D/2019-20					
Date of work order - 03/10/2019					
Date of completion as per Agreement - 02/7/2020					
Date of Measurement - 05/11/2020					
① Constn of granular sub base by providing granular material					
B.T Portion					
$7.0m \times 4.05m \times 0.200m = 5.67m^3$					
② Providing laying & spreading & Compacting work					
Gr III					
$12.0m \times \frac{5.75 + 3.75}{2} \times 0.075m = 4.27m^3$					
$6 \times 50.0m \times 3.75m \times 0.075m = 84.37m^3$					
Continuation					88.64m

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Bf		88.64m ²
	39.4m	3.75m	0.075m		10.96m ²
					99.60m ²

05/11/20

19/11/20

① E/W excavation in
foundn trenches

1.0m dia H.P

$$2 \times 6.15 \text{ m} \times 1.55 \text{ m} \times 1.675 \text{ m} = 33.49 \text{ m}^3$$

$$5.4m \times 1.53m \times 0.54m = 4.13m^3$$

$$= 37.62 \text{ m}^3$$

② Sand filth in
founder trenches

$$2 \times 6.45 \text{ m} \times 1.55 \text{ m} \times 0.100 \text{ m} = 2.0 \text{ m}^3$$

$$5.593m \times 1.53m \times 0.110m = 0.85m^3$$

$$= 2.85 \text{ m}^3$$

(3) Blat joining m
founder benches

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
$2 \times 6.45 \text{ m} \times 1.53 \text{ m} \times$				19.99 m^2
$5.653 \text{ m} \times 1.53 \text{ m}$				$= 8.65 \text{ m}^2$
				28.64 m^2
(4) Providing PCC in leveling course				
$2 \times 6.30 \text{ m} \times 1.40 \text{ m} \times 0.15 \text{ m}$				$= 2.64 \text{ m}^3$

19/11/20
JE

27/11/2020

(1) Brick masonry work in Headwall

$$2 \times 6.15 \text{ m} \times 1.5 + 0.4 \text{ m} \times 2.46 \text{ m} = 25.01 \text{ m}^3$$

Deduction

$$2 \times \frac{1}{4} \times (1.23)^2 \times \frac{0.80 + 0.40}{2} = 1.14 \text{ m}^3$$

$$= 23.87 \text{ m}^3$$

(2) PCC in leveling course

$$5.766 \text{ m} \times 1.53 \times 0.15 \text{ m} = 1.33 \text{ m}^3$$

Deduction

$$0.188 \times \frac{1}{4} \times (1.23)^2 \times 5.955 \text{ m} = 1.33 \text{ m}^3$$

$$= 3.52 \text{ m}^3$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Providing & Laying 1.0m dia H.P $3 \times 2.50m = 7.50m$					
(4) Brick masonry work in Parapet wall $2 \times 6.15m \times 0.400m \times 0.600m = 2.95m^3$					
(5) Plastering on wall $2 \times 6.15m \times 1.83m = 22.50m^2$ $2 \times 6.15m \times 0.600m = 7.38m^2$ $2 \times 6.15m \times 0.400m = 2.88m^2$ $4 \times 0.400 \times 0.600m = 0.96m^2$					
$2 \times 17m \times (1.23)^2 = 42.37m^2$ $= 36.27m^2$					
(6) Providing Cement putting on wall $2 \times 6.15m \times 0.400m = 4.92m^2$ $4 \times 0.400 \times 0.600m = 0.96m^2$ $2 \times 6.15m \times 0.600m = 7.38m^2$ $= 13.26m^2$					
27/11/2020 JE					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
08/12/2020					
(1) Providing & laying Prime coat with Emulsion SS,					
12.0m		$\times \frac{5.75 + 3.75}{2}$			$= 57.0m^2$
11 x 50.0m		$\times 3.75m$			$= 2062.50m^2$
35.0m		$\times 3.75m$			$= 131.25m^2$
					$= 2250.75m^2$
1.0m		$\times 3.75m$			$= 3.75m^2$
					$2254.50m^2$

Unit 2253.56m²

18/12/2020
JE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/12/2020					
① Providing & laying					
tack coat with					
Emulsion RS,					
Area Same as Prime coat					
					= 2253.56m ²
② Providing & laying					
20mm Mix Seal					
Surfacing					
Area Same as tack coat					
					= 2253.56m ²

17/12/2020
JE

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

23/12/20

① Painting two coal-
including preme coal-
(culverts)

$$2 \times 6.15m \times 0.400m = 4.92m^2$$

$$2 \times 2 \times 6.15m \times 0.600m = 14.76m^2$$

$$4 \times 0.400 \times 0.600m = 0.96m^2$$

$$= 20.64m^2$$

for 2 Nos $41.28m^2$

② Painting on concrete
surface

③ Road marking

B.T surface

$$2 \times 11 \times 50.4m \times 0.100m = 110.88m^2$$

$$2 \times 45.0m \times 0.100m = 9.20m^2$$

$$119.20m^2$$

23/12/20
JE

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
① Constn of Ref. Pillar/ Bunjee					
0.995km vide TMS P10					
① 11252 = 52					11,194.200
② Clearing & grubbing of road land including uprooting veg.					
0.2985 Hect vide TMS P10					
① 49244 = 52					14699.200
③ Constn of embankment					

lead up to 1000m					
311.88m ³ vide TMS P10					
129.12m ³ vide TMS P23					
441.0m ³ ① 187 = 89					82859.200
④ Constn of Subgrade & earthen shoulder					
807.30m ³ vide TMS P10					
700.0m ³ vide TMS P23					
1507.30m ³ ① 189 = 77					2,86,040.200
⑤ Constn of Embankment					
lead up to 100m					
727.73m ³ vide TMS P10					
201.27m ³ vide TMS P23					
1029.0m ³ ① 143 = 00					1,47,147.200

Continuation

5,41,939.200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Bf	5.41	939200
(6) Box cutting					
55.20m ³ vide TMS P11					
81=99					45262
(7) Laying Brick edge					
slip on prepared					
subgrade					
281 m ³ vide TMS P24					
281 499=08					1,40,2412
(8) Cost of granular					
sub-base by providing					
grading 1 m ³					
452.82m ³ vide TMS P11					
5.67m ³ vide TMS P15					
458.49m ³					
but 455.31m ³ @ 2989=82					13,61,29500
(9) Providing, laying, spreading					
& compacting WBM (m ³)					
182.92m ³ vide TMS P11					
99.60m ³ vide TMS P16					
282.52m ³ @ 3728=11					10,53,26600
(10) Providing & laying					
Prime Coat					
2253.56m ² vide TMS P19					
49=87					1,12,3852
					32,13,6522

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				of	32,93,652=
(11) Provisional laying of black coal					
2253.56m ² vide TmB P ₂₀					
① 16 = 72					37,680=
(12) Provisional laying 20mm thick M. S. S					
2253.56m ² vide TmB P ₂₀					
② 242 = 04					5,45,452=00
(13) Costly of Un-reinforced concrete pavement of Mrs grade					
242.40m ² vide TmB P ₁₁					
③ 7766 = 25					18,82,539=
(14) 1000m stone					
1 No ④ 2719 = 26					2719=
(iii) 200m stone					
4 Nos ⑤ 723 = 98					2896=
(15) R.C.C Mrs Boundary Pillar					
19 Nos vide TmB P ₂₄					
⑥ 561 = 25					10,664=
(16) Painting of two coats on culvert wall					
41.28m ² vide TmB P ₂₁					
⑦ 108 = 50					4479=00

Continuation

57,00,081=

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
			Bsf	52	86.093~
900mm octagon					
2 nos @ 8715=40					17431200
(22) E/W excavation					
27 in founder trenches					
37.62m ³ vide Tms P10					
37.62m ³ vide Tms P16					
75.24m ³ @ 282=43					21250~
(23)					
28 Sand filling in					
founder trenches					
2.85m ³ vide Tms P12					
2.85m ³ vide Tms P16					
5.70m ³ @ 454=39					2590~00
(24)					
36 P.C.C mix in founder					
trench					
6.16m ³ vide Tms P12					
2.64m ³ vide Tms P17					
3.52m ³ vide Tms P17					
12.32m ³ @ 6756=99					83.246~00
(25)					
35 B/Flat Soling in					
founder					
28.64m ³ vide Tms P12					
28.64m ³ vide Tms P17					
57.28m ³ @ 291=73					16,710~00

Continuation

61,27,320~00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		Pf	61,27	320~
(26) 37	Brick masonry work in Headwall			
26.51 m ³ vide	Tms	P13		
23.56 m ³ vide	Tms	P17		
2.95 m ³ vide	Tms	P18		
53.02 m ³	⊙	6409=42		3,39,827
(27) 38	Providing & laying 1.0m dia H.P.			
7.50 m vide	Tms	P13		
7.50 m vide	Tms	P18		
	⊙	4357=48		65362~00
(28) 39	Plastering on wall			
36.27 m ³ vide	Tms	P13		
36.27 m ³ vide	Tms	P18		
72.54 m ³	⊙	207=80		15074~
(29) 40	Providing 1.5mm thick Cement Panning			
13.26 m ³ vide	Tms	P13		
13.26 m ³ vide	Tms	P18		
26.52 m ³	⊙	65=15		1728~00
			65,49,311~	
0.25% below as per Agreement	Continuation			
			(-) 16373~	
			65,32,938~	

[illegible]

Continuation