

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of road from primary Nautwa to Brihwa under MMG (SC)					
Name of Agency:- M/s New Bihar Construction, Vill- Mahui, Nautkaola, Ward 70-09 Ramnagar					
Asy no:-					
Date of work order:- 20.6.2020					
Actual date of comp:- 15.5.2021					

Detail measurement

① Const. of sub-graded earthen shoulders with aff. materials.					
1x 50.00x 6.50x 0.30 = 97.50 m ³					
② Const. of G.S. by pl. well graded material with G.S.					
1x 54.00x 4.05x 0.20 = 43.74 m ³					
1x 40.00x 3.75x 0.10 = 15.0					
1x 25.00x 4.10x 0.10 = 10.25					
					69.29 m ³

Continuation

18/05/21

18/05/21

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
③ P.V., laying, spreading 14-10-10 Compacting stone of sp. size to WBM Gr II.				
		3 m x 10.00 m	3.75 m	
		$\times \left(\frac{0.075 + 0.075}{2} \right)$		284.37 m ²
		2 x 10.00 m	3.75 m	
		$\times \left(\frac{0.075 + 0.075}{2} \right)$		56.25 m ²
		4 x 10.00 m	3.75 m	
		$\times \left(\frac{0.075 + 0.075}{2} \right)$		112.50 m ²
				253.12 m ²
④ Const of Subgrade				
Item ⑤ earthen shoulder with aff material				
		2 x (10.54 m x 1.30 m)		
		$\times 0.20$		28.08 m ²
		2 x (10.46 m x 1.20 m)		
		$\times 0.10$		11.04 m ²
		2 x (3.75 m x 10.00 m)		
		$\times \left(\frac{1.20 + 1.40}{2} \right)$		58.50 m ²
				97.62 m ²
				TCB

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	37.62 m ²
2x { 2 nos x 100.00 x 1.20 x 0.075 m } 2					36.00 m ²
2x { 3 nos x 100.00 x 1.30 x 0.075 m } 2					58.50 m ²
2x { 1x 100.00 x 1.20 x 0.075 m } 2					18.00 m ²
					210.12 m ²

(5) p/v laying, spreader
item 10 & Compuls Stone
of work grid -

$$1 \times 14.00 \times \left(\frac{3.90 + 4.30 + 4.00}{3} \right) \times 0.075 = 4.26 \text{ m}^2$$

$$1 \times 47.00 \times 3.75 \times 0.075 = 13.21 \text{ m}^2$$

$$1 \times 09.00 \times \left(\frac{3.90 + 4.30 + 5.30}{3} \right) \times 0.075 = 3.78 \text{ m}^2$$

$$1 \times 50.00 \times 3.75 \times 0.075 = 14.06 \text{ m}^2$$

$$= 35.31 \text{ m}^2$$

Continuation

3/4/21

Abstract of Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Const. of reference					
it (1) working bench mark					
Qty. vide TMB p.n. (23)					
1.60 k.m @ 11,922.42/km = 19076 cu					
(2) Const. of reference pillar					
it (2) Blueless as per spec					
Qty. vide TMB p.n. (23)					
1.60 k.m @ 13,419.58/km = 21,471 cu					
(3) Clearing & grubbing					
it (3) road land including					
uprooting wild vegetat					
Qty. vide map p.n. (23)					
0.48 Hect @ 51,337.6/Ha = 24,544 cu					

(4) Const. of embankment with					
it (4) aff. material with					
lead 100 m					
Qty. vide TMB p.n. (35)					
429.84 m ³ @ 174.84/m ³ = 75,196 cu					
(5) Const. of Subgrade					
it (5) & earthen shoulders					
with aff. material					
1002.96 m ³ @ 58.70/m ³ =					
(6) Const. of embankment					
it (6) with aff. material with					
lead 100 m					
Qty. vide TMB					
1002.96 m ³ @ 58.70/m ³ = 58,874 cu					
Subtotal =					1,99,161 cu

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/c		80,50,662.20
(10) p/v & aff prime coat					
It (11) with bitumen emulsion					
(SS-1)					
Qty. vide T.M.					
p.n. (36) - 1875.00 m ²					
p.n. (37) - 2786.00 m ²					
p.n. (38) - 1181.00 m ²					
		5842.00 m ²		45.07% = 2,63,299.20	
(11) p/v & aff. Prime Coat					
It (12) with bitumen emulsion (RS-1)					
Qty. vide					
p.n. (36) - 1875.00					
p.n. (37) - 2786.00					
p.n. (38) - 1181.00					
		5842.00 m ²		15.31% = 89441.20	
(12) p/v, laying & rolling					
It (13) of close graded porous					
20 mm or less					
Qty. vide T.M.					
p.n. (36) - 1875.00					
p.n. (37) - 2786.00					
p.n. (38) - 1181.00					
		5842.00 m ²		24.07% = 14,06,403.00	
(13) Cost of un-render p.c.c.					
(14) p/v & aff. p.c.c.					
It (15) p/v & aff. p.c.c.					
30.26 m ³			8262.93 m ³		22,50,836.20
				100.59	841.20
					100.59

Continuation

Continuation