

2nd (A) Final Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work	Construction				
of road from	MH 888 to Malahi				
to be under MM Govt (SC)					
Name of Agent	Anup Ramtan				
At	Narkataganj West Champaran				
Agreement No.	51500/2021-2				
Date of order	22.12.2020				
S. and C. Conf.	22.12.2021				
Actual time completed	21.12.21				

Measurement Details

①	Excavation for roadway				
(7)	in soil				
	2x	(03.00x0.375x0.10)	=	0.225 m ³	
	2x	(11.00x0.525x0.10)	=	1.15 m ³	
	2x	(08.00x0.70x0.10)	=	1.12	
				2.495 m ³	
②	Cont of GSB by pit well				
(8)	near main well (w)				
	2x	(03.00x0.375x0.10)	=	0.225 m ³	
	2x	(11.00x0.525x0.10)	=	1.15 m ³	
	2x	(08.00x0.70x0.10)	=	1.12	
				2.495 m ³	
	1x	(11.00x4.05x0.10)	=	4.45	
	1x	(08.00x4.20x0.10)	=	3.44	

Continuation

10.38 m³

3/12/21

Major Road

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) P.N. 1 m (1.25) 3 for 4 m 4					
11-10 Complete of 3 m 4 m					
of 1/2 1/2 1/2 1/2 1/2 1/2					
1X 08.00 (4.00 3.75) 0.075 = 0.165 m ³					
1X 100 X 3.75 X 0.075 = 28.12 m ³					
1X 06.00 X 4.00 X 0.075 = 1.80 m ³					
1X 15.00 X 3.75 X 0.075 = 4.21 m ³					
1X 08.00 X 4.30 X 0.075 = 2.58 m ³					
					36.87 m ³
(4) Cont of Subgrade & 1/2					
1/2 1/2 1/2 1/2 1/2 1/2					
with 1/2 material					
2X (3.75 X 100 X 1.35 X 0.075) = 60.75					
2X (1X 4.5 X 1.20 X 0.075) = 8.10					
2X (1X 1.9 X 1.25 X 0.20) = 9.50					
2X (4.7 X 100 X 1.40 X 0.075) = 84.00					
2X (1X 50 X 1.30 X 0.075) = 9.75					
2X (1X 16 X 1.45 X 0.075) = 3.48					
2X (2X 100 X 1.30 X 0.075) = 39.00					
2X (1X 52.00 X 1.2 X 0.075) = 93.60					
					223.94 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	H.	
(17) 17 17	1	4.5	3.75	0.16	27.00 m ²
(18) 18 18	1	3.80	4.00	4.30	0.160 = 38.7 m ²
Ch. 245 = 394	1	4.5	3.75	0.16	27.00 m ²
290 = 396	1	3.80	4.00	4.30	0.160 = 38.7 m ²
121 = 623	4	4.7	50.00	3.75	0.16 = 120.00
	1	0.2	3.75	0.16	1.20 m ²
					152.07 m ²

(6) Lamin block 800 layers

(8) on precast subgrade

$$2 \times (2 \times 100 \times 0.375 \text{ m}) = 150.00 \text{ m}^2$$

$$2 \times (1 \times 50.00 \times 0.375 \text{ m}) = 37.50 \text{ m}^2$$

$$187.50 \text{ m}^2$$

(15) Cent of Substrate
earth mounds

$$2 \times (2 \times 100 \times 1.30 \times 0.175) = 91.00 \text{ m}^2$$

$$2 \times (1 \times 50 \times 1.20 \times 0.175) = 21.00 \text{ m}^2$$

deduct

$$2 \times (2.5 \times 100 \times 0.375 \times 0.125) = 23.43 \text{ m}^2$$

$$88.57 \text{ m}^2$$

Abstract of Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Const of Reference &					
① workers bench mark					
Qty. vide TMB pr. (14)					
1.05 Km. @ 9340.70/Km = 9808.20					
② Const of reference pillar					
② Pickets					
Qty. vide TMB pr. (14)					
1.05 Km @ 5365.92/Km = 5634.20					
③/⑥ Clearing & grubbing road					
Land					
Qty. vide TMB pr. (14)					
0.31 Hect @ 51,337.6/Hect = 15,851.20					
④ Const of Embankment					
④ with lead 100m					
Qty. vide TMB pr. (26)					
541.50 m ³ @ 202.52/m ³ = 1,09,665.20					
⑤/③ Const of Subgrade					
& earthen shoulder					
Qty. vide TMB					
pr. (19) - 411.80 m ³					
pr. (20) - 223.94 m ³					
pr. (21) - 88.57 m ³					
724.31 m ³ @ 204.16/m ³ = 1,47,875.20					
Subtotal = 2,88,833.20					
					CPJ

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.P. = 2,88,823.00
(6) Cont of Embankment					
with lead 100m.					
Qty vide TMO p.n. 26m					
		1263.50 m ³	@ 167.41 m ²		2,11,523.00
					2,88,823.00
(7) Excavation for road					
in Soil					
Qty. vide TMO p.n. 10					
p.n. (15) -		102.28 m ³			
p.n. (15) -		2.49 m ³			
		104.72 m ³			
Limited to			102.23 m ³		
			@ 74.16 m ²		7581.00
(8) Laying brick soling layer					
on prepared subgrade					
Qty. vide TMO p.n. (21)					
		18750 m ²	@ 472.43 m ²		88,581.00
(9) Cont of Guss with					
Guss					
Qty. vide TMO					
p.n. (12) -		454.69 m ³			
p.n. (10) -		10.38 m ³			
		465.07 m ³			
Limited to					
		462.00 m ³	@ 379.72 m ²		2,17,545.47
					23,510.65
					23,510.65

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F	23,510652
(10) p/v Laying spacers					
(10) 4 - Compacting with roller					
Qty. vide TMB					
Pn. (15)	262.95 m				
Pm (20)	36.87 m				
	299.82 m ² @ 464920/m ²				1393923
(11) p/v 2 - eff. prime coat					
(11) with bitumen emulsion					
Qty. vide TMB pn. (22)					
	3050.05 m ² @ 42.977/m ²				13106120
(12) p/v 2 - eff. tack coat					
(12) with bitumen emulsion (RS)					
Qty. vide TMB pn. (22)					
	3050.05 m ² @ 14.59/m ²				4450020
(13) p/v Laying 4 - millim MS					
(13) 20 mm					
Qty. vide pn. (22)					
	3050.05 m ² @ 233.31/m ²				711,6073
(14) Put of under floor					
(14) p.c.e. part					
Qty. vide TMB pn. (21)					
	152.07 m ² @ 80/13.05/m ²				12,18,545
					5850,70120

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13.5	58507012
(15) R.C. M/S gal Cons					
(16) M/S - K.M. Mm					
Qty. vol. in m ³ pr. (23)					
0.27 m ³ @ 2679.15/m ³					5358220
(16) R.C. M/S gal Cons					
(17) M/S - K.M. Mm					
Qty. vol. in m ³ pr. (23)					
0.47 m ³ @ 67820/ear					2715220
(12) R.C. M/S gal bound					
(18) Pile / M					
Qty. vol. in m ³ pr. (23)					
16 m ³ @ 532.85/m ³					8526.40
(18) Pile for Cont. 724					
(19) Pile for Cont. 724					
Qty. vol. in m ³ pr. (23)					
29.34 m ³ @ 9796/21					2874220
(15/20) Pile for 02 Coals of water bound					
Qty. vol. in m ³ pr. (21)					45492
50.00 m ³ @ 90.98/21					4579220
(21) Pile for 4 Lays hot after Thermopane cat					
Qty. vol. in m ³ pr. (24)					
209.00 m ³ @ 735.44/21					15370720
Continuation of 602843020					

Particulars	Details of actual measurement			Contents of area
	No.	1	2	
(20) (17) Planing of house & 1A. Qty. vide ... 819.92/m ² = 65,594				6117444
(22) E of work in excavation (31) ... Qty. vide ... 269.32/m ² = 10048				
(28) (32) Sand filling in ... Qty. vide ...				
		2.83 m ³ @ 400.59/m ³ = 1134		
(29) (33) B of slab Qty. vide ... 28.55 m ² @ 289.47/m ² = 8264				
(30) (34) p/c pcc Qty. vide ... 6.17 m ³ @ 6810.64/m ³ = 42022				
(31) (35) B of masonry Qty. vide ... 26.47 m ³ @ 5820.78/m ³ = 154076				
			8.11 = 6422582	

Continuation

6422552

Continuation

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