

NDB Briccs

M. B. N. D. B. P. B. P. D. 650. N. K. E.

31-03-2021 2:00 PM

Schedule XLV-Form No. 134

M.B.N. 1753/20-24

महानगरपालिका - अतिरिक्त
महानगरपालिका - अतिरिक्त

DIVISION

महानगरपालिका - अतिरिक्त

SUB-DIVISION

Measurement Book

महानगरपालिका - अतिरिक्त

2nd & final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	Construction of road from				
	bone canal Bajara To Chotalola				
Scheme :-	MMBSY NRB				
Agency:-	Kumar Nitesh				
Agg. Nos:-	23/2023-24.				
Date of start :-	11/01/2024				
Date of completion:-	10/01/2025.				

Record Entry

1.	Const. of Subgrade to-				
	2x 25.00x	7.70x	0.30	=	115.50m ³
2.	Const. of G.C. B				
	Gr-I -do-				
	1x 30.00x	4.05x	0.20	=	24.30m ³
	1x 20.00x	4.05x	0.20	=	16.20m ³
					40.50m ³
	1x 30.00x	6.24 + 4.05 - 4.05	x 0.20	=	6.57m ³
		2			
	1x 30.00x	4.05 + 5.21 + 4.05 - 4.05	x 0.20	=	2.32m ³
		3			
	1x 30.00x	4.05 + 5.34 + 4.05 - 4.05	x 0.20	=	2.58m ³

3 Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4.	prov. and applying				
	of prime coat - do -				
	4 X 30.00 X	3.75	=		450.00m ²
	7 X 30.00 X	3.75	=		787.50m ²
	5 X 30.00 X	3.75	=		562.50m ²
	7 X 30.00 X	3.75	=		787.50m ²
	1 X 10.00 X	3.75	=		37.50m ²
					2675.00m ²
	1 X 30.00 X (5.94 + 3.75 - 3.75)		=		32.85m ²
		2			
	1 X 30.00 X (3.75 + 4.91 + 3.75 - 3.75)		=		11.60m ²
		3			
	1 X 30.00 X (3.75 + 5.04 + 3.75 - 3.75)		=		12.70m ²
		3			
	1 X 30.00 X (6.19 + 3.75 - 3.75)		=		36.60m ²
		2			
					Total = 2718.95m ²
					Limit = 2677.50m ²
	Rdwl J.E. 26/12/2024				
	Record Entry				
1.	prov. and applying				
	of Taek coat - do -				
	Qty. same as above				
	Item		=		2677.50m ²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 X 1	6 X 30.00	X 0.375		2 360.00m ²
	2 X 1	X 20.00	X 0.375		2 15.00m ²
					375.00m ²
3.	Const. of embankment				
	Shoulders -do-				
	2 X 23	X 30.00	X 1.20	X 0.075	2 124.20m ³
	2 X 1 X	10.00	X 1.20	X 0.075	2 1.80m ³
	2 X 23	X 30.00	X 1.475	X 0.200	2 407.10m ³
	2 X 1 X	10.00	X 1.475	X 0.200	2 5.90m ³
	2 X 16 X	30.00	X 1.285	X 0.160	2 197.38m ³
	2 X 1 X	20.00	X 1.285	X 0.160	2 8.22m ³
	2 X 16 X	30.00	X 1.520	X 0.075	2 109.44m ³
	2 X 1 X	20.00	X 1.520	X 0.075	2 4.56m ³
	2 X 16 X	30.00	X 1.695	X 0.080	2 162.72m ³
	2 X 1 X	20.00	X 1.695	X 0.100	2 6.78m ³
					1028.10m ³
4.	Const. of embankment				
	with approved material -do-				
CH	Area	Mean Area	Dist	Volume	
(M)	(m ²)	(m ²)	(m)	(m ³)	
0	6.283				
50	5.921	6.102	50	305.100	
100	5.692	5.807	50	290.325	
150	4.245	4.969	50	248.425	
200	5.462	4.854	50	242.675	
250	6.746	6.104	50	305.200	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
300	6.396	6.571	50		328.550
350	7.179	6.788	50		339.375
400	6.234	6.707	50		335.325
450	6.535	6.385	50		319.225
500	5.885	6.060	50		303.000
550	6.119	5.852	50		292.600
600	5.726	5.923	50		296.125
650	6.620	6.173	50		308.650
700	6.986	6.803	50		340.150
750	3.475	5.231	50		261.525
800	3.327	3.401	50		170.050
850	3.575	3.451	50		172.550
900	3.940	3.758	50		187.875
950	3.551	3.746	50		187.275
1000	4.667	4.109	50		205.450
1050	3.816	4.242	50		212.075
1100	3.833	3.825	50		191.225
1150	4.263	4.048	50		202.400
1200	3.545	3.904	50		195.200
					6240.350m ³
Deduction,					
	Subgrade & shoulder (-)				2645.10m ³
		G.S. B = (-)			769.59m ³
		W.B. m = (-)			344.25m ³
		P.C. = (-)			306.00m ³
					= 2175.41m ³

Continuation

Pr. Dnl. 05/01/2025
J.E. Pr. Dnl.
05/01/25
K.E.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(iii) 600mm x 150mm rect. - do -				2	2 Nos.
(iv) 900mm side clagon - do -				2	2 Nos.
5. proc. and laying of road marking - do -					
for B.T.					
2 x 23 x 30.00 x 0.100				2	138.60m ²
2 x 1 x 10.00 x 0.100				2	2.00m ²
					140.60m ²
for PCC					
2 x 16 x 30.00 x 0.100				2	96.00m ²
2 x 1 x 20.00 x 0.100				2	4.00m ²
					100.00m ²
6. planting of trees by road sides - do -					
				2	70 Nos.
7. painting on parapet wall - do -					
2 x 2 x 6.150 x 0.400				2	9.84m ²
2 x 2 x 6.150 x 0.600				2	29.52m ²
2 x 4 x 0.400 x 0.600				2	1.92m ²
					41.28m ²
2 x 8.00 x 0.40				2	6.40m ²
4 x 8.00 x 0.60				2	19.20m ²
4 x 0.40 x 0.60				2	0.96m ²
					26.56m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2X	9.00	X 0.40	2	7.20m ²
	4X	9.00	X 0.60	2	21.60m ²
	4X	0.40	X 0.60	2	0.96m ²
					29.76m ²
				Total 2	56.32m ²
R.D. 08/01/2025 J.E. Phd 08/01/25 BE					

Abstract of cost	
(1/1)	prov. and fixing of
2 NOS.	working benchmark
	vide T.M.B P- (13)
	RS. 5385.51/each — RS. 10771.00
4 NOS.	Reference pillars vide P- (13)
	RS. 2520.85/each — RS. 10083.00
(2/2)	clearing and grubbing
	road land do —
0.84 Hec.	vide T.M.B P- (13)
	RS. 75573.34/Hec — RS. 63482.00
(3/3)	Const. of embankment
	with 100m lead do —

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1399.22 m ³	vide	T.m.	B.P.	(29)	
	RS. 195.89/m ³				RS. 274093.00
(4/4).	Const. of embankment				
	with 1000 m load-de-				
776.19 m ³	vide	T.m.	B.P.	(29)	
	RS. 260.88/m ³				RS. 202492.00
(5/5).	Const. of subgrade of				
	E/Shoulder do-				
1501.50 m ³	vide	T.m.	B.P.	(14)	
115.50 m ³	vide	T.m.	B.P.	(21)	
1028.10 m ³	vide	T.m.	B.P.	(25)	
2645.10 m ³					
	RS. 264.42/m ³				RS. 69947.00
(6/6).	Const. of G.S. B				
	G.S. I do-				
714.00 m ³	vide	T.m.	B.P.	(14)	
57.06 m ³	vide	T.m.	B.P.	(22)	
771.06 m ³	limit = 769.59 m ³				
	RS. 3403.49/m ³				RS. 2619292.00
(9/9).	prov. laying and				
	compacting wbm G-III do-				
323.437 m ³	vide	T.m.	B.P.	(14)	
22.19 m ³	vide	T.m.	B.P.	(22)	
345.627 m ³	limit = 344.25 m ³				
	RS. 587.90/m ³				RS. 2023467.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/10). prov. and applying of prime coat - do - 2677.50m ² vide T.m.B P - (23) RS. 57.47/m ² — RS. 153876.00					
(11/11). prov. and applying of Taek coat - do - 2677.50m ² vide T.m.B P - (23) RS. 19.73/m ² — RS. 52827.00					
(12/12). prov. laying and rolling of m.s.s - do - 2677.50m ² vide T.m.B P - (24) RS. 297.47/m ² — RS. 796476.00					
(13/13). Const. of un-reinforced PCC m-30 grs - do - 306.00m ³ vide T.m.B P - (24) RS. 10097.78/m ³ — RS. 3089921.00					
(14/14). prov. laying of brick saling - do - 375.00m ² vide T.m.B P - (25) RS. 540.29/m ² — RS. 202609.00					
(15/15). prov. and fixing of 2 No. km Stone vide T.m.B P - (26) RS. 3288.63/each — RS. 6577.00 5 Nos. 200m Stone vide T.m.B P - (27) RS. 875.71/each — RS. 4379.00					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/18). prov. and fixing of logo, maint. board do - 4 NOS. vide T.m. B P - (27)					RS. 15656.91/each - RS. 62628.00
(17/18). prov. and fixing of boundary pillars do - 32 NOS. vide T.m. B P - (27)					RS. 698.71/each - RS. 22359.00
(18/19). prov. and fixing of retro-reflectomised do - 4 NOS. 600mm sq. w. & vide P - (27)					RS. 6109.53/each - RS. 24438.00
8 NOS. 600mm circular vide P - (27)					RS. 8006.58/each - RS. 64053.00
2 NOS. 600mm x 450mm rect. vide P - (28)					RS. 7812.39/each - RS. 15625.00
2 NOS. 900mm side octagon vide P - (28)					RS. 13817.22/each - RS. 27634.00
(19/20). prov. and laying of road marking for B7 140.00m ² vide T.m. B P - (28)					RS. 886.46/m ² - RS. 124104.00
(20/21). for pcc do - 100.00m ² vide T.m. B P - (28)					RS. 994.60/m ² - RS. 99460.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21/22). planting of trees by road sides - do -	70.00 No.	vide T.m. B P -	(28)		
RS. 1288.82 / each				RS.	90217.00
(22/23). Earthwork excavation for foundation - do -	59.59 m ³	vide T.m. B P -	(15)		
RS. 398.62 / m ³				RS.	23754.00
(23/24). prov. PCC m-15 in levelling course - do -	9.19 m ³	vide T.m. B P -	(15)		
RS. 8438.69 / m ³				RS.	77552.00
(24/25). prov. PCC m-20 in substructure - do -	67.47 m ³	vide T.m. B P -	(15)		
RS. 9476.92 / m ³				RS.	639474.00
(25/26). prov. and laying of RCC pipe NP 3 - do -	15.00 m	vide T.m. B P -	(15)		
RS. 7698.62 / m				RS.	115479.00
(26/27). painting on parapet wall - do -	41.28 m ²	vide T.m. B P -	(28)		
RS. 136.22 / m ²				RS.	5623.00
(27/28). Earthwork excavation for foundation - do -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
165.65m ³	vide	T.m.	B	P	(15)
	RS. 398.62/m ³				RS. 66031.00
(28/29).	Sand filling in				
	trenches - do -				
3.03m ³	vide	T.m.	B	P	(16)
	RS. 575.24/m ³				RS. 1743.00
(29/30).	prov. pcc m-15 in				
	levelling course - do -				
25.376m ³	vide	T.m.	B	P	(16)
	RS. 8438.69/m ³				RS. 214140.00
(30/31).	prov. pcc m-15 in				
	open foundation - do -				
106.33m ³	vide	T.m.	B	P	(16)
	RS. 8438.69/m ³				RS. 897286.00
(31/32).	prov. pcc m-15 in				
	Sub-structure - do -				
62.08m ³	vide	T.m.	B	P	(16)
	RS. 9054.40/m ³				RS. 562097.00
(32/33).	prov. RCC m-20 in				
	Sub-structure - do -				
15.42m ³	vide	T.m.	B	P	(17)
	RS. 9476.92/m ³				RS. 146134.00
(33/34).	prov. RCC m-25 in				
	Super structure (Back slab) - do -				
11.6964m ³	vide	T.m.	B	P	(17)
	RS. 10671.77/m ³				RS. 124821.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(34/35). 1.41 mT	S/F/P vide	Hydr T.m.	bar - do - B.P. - (17)	
(35/36). 27.00 m	RS. 75 prov. and filling Joint sealing - do - vide	103.26 and T.m.	1 mT - RS. B.P. - (17)	105896.00
(36/37). 64 NOS.	RS. 55 prov. weep holes etc. vide	16/m weeph T.m.	RS. B.P. - (18)	1489.00
(37/38). 4 NOS.	RS. 149.80 prov. drainage spout - do - vide	each drainage T.m.	RS. B.P. - (18)	9587.00
(38/39). 56.32 m ²	RS. 662.42 painting on parapet wall - do - vide	each parapet T.m.	RS. B.P. - (18)	2650.00
(39/40). 15.00 m	RS. 136.22 prov. and laying of 300mm cable duct - do - vide	m ² laying of T.m.	RS. B.P. - (18)	7672.00
	RS. 1030.73 RS. 13757169.00	1/m	RS.	15461.00
Add GST 18%	18%		RS.	2476290.00
Add Loss 1%	1%		RS.	137572.00
Add S. fee			RS.	192952.00

Continuation
C/O — RS. 16569983.00

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