

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2nd on site bill				
Name of work: — mmsy road at culvert					
to Mohamadpur Ravidas Jula (mmsy					
Awarhan NDB) L = 0.80 km					
Agg. no: —	10-380/23-24				
Name of Contractor — M/s Ambay Const					
Package no: — NDB-BRRP2-25 Masaurhi					
Date of start — 15/12/2023					
Intend. date of completion — 14/12/2023					
Rate of agreement — 0.11 / below					
Agg. value — Const = ₹ 81.786 Lac					
Mains = ₹ 6.369 Lac					
Total Agg. value = ₹ 88.14.743 = ₹					

Revised Measurement

① Const of L-SB G-1

Flexible
Permanent portion

① Const of subgrade

Flexible permanent portion

1	30.0	7.70	0.30	69.30 m ³
1	15.0	7.70	0.30	34.65 m ³
				103.95 m ³

② Const of less hr-E

p.c. portion
Extra widening

1 x 4.70 x [(8.20 + 4.20) - 3.75] x 0.10 = 1.32 m ³	
1 x 8.60 x [(7.20 + 10.40) - 3.75] x 0.10 = 4.34 m ³	

Continuation

5.66 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5.66 m
BT portion	4	30.00	4.05	0.20	97.20
	3	30.00	4.05	0.20	72.90
	1	18.00	4.05	0.20	14.58
Less for cut	1	2.50	4.05	0.20	2.03
Curve Extra					
	3	20.00	0.70 (avg)	0.20	25.20
					213.51 m ³
					213.51 m ³
An extra portion of					
Compactly for work in cut					
Proportion (4.80)					
Extra widening					
	1	4.70	$\frac{(8.20 + 4.90) - 3.75}{2}$	0.075×2	0.99 m
	1	10.00	$\frac{(4.90 + 3.75) - 3.75}{2}$	0.075×2	0.43 m
	1	8.60	$\frac{(7.20 + 10.40) - 3.75}{2}$	0.075×2	3.26 m
	1	6.00	$\frac{(4.80 + 4.30) - 3.75}{2}$	0.075×2	0.36 m
	1	6.00	$\frac{(4.30 + 3.75) - 3.75}{2}$	0.075×2	0.12 m
Less for length already measured					
cut side P/g					
less for curve width P/g					1.35 m
For length	1	10.90	3.75	0.075	3.07 m
					0.74 m

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B & portion					0.74 m ²
	4	30.00	3.75	0.075	33.75 m ²
	4	30.00	3.75	0.075	33.75 m ²
	4	30.00	3.75	0.075	33.75 m ²
	4	30.00	3.75	0.075	33.75 m ²
	3	30.00	3.75	0.075	25.31 m ²
	1	18.00	3.75	0.075	5.06 m ²
Less for e-d	1	2.5	3.75	0.075	0.70 m ²
Curva Entry 9	120.00	0.70 (av)	0.075		9.45 m ²
					174.86 m ²
	ie	174.86 m ²			
<u>② a) Contn of un-reimbursed</u>					
per payment 11-30					
update measurement					
1 x 4.70 x	(8.20 + 4.30)			0.16	4.93 m ²
1 x 10.00 x	(4.90 + 3.75)			0.16	6.92 m ²
1 x 15.00 x	3.75			0.16	9.00 m ²
4 x 30.00 x	3.75			0.16	72.00 m ²
1 x 14.30 x	3.75			0.16	8.58 m ²
1 x 8.60 x	(7.20 + 10.40)			0.16	12.11 m ²
1 x 6.00 x	(4.80 + 4.30)			0.16	4.37 m ²
1 x 6.00 x	(4.30 + 3.75)			0.16	3.86 m ²
1 x 1.10 x	3.75			0.16	0.66 m ²
					122.43 m ²
	ie	122.43 m ²			

Continuation

01/03/24
AE/EE

01/03/24
AE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Plr & applying primer coat					
	10	30m	375	2	1125.00m ²
	9	30m	375	2	1012.50m ²
	1	18m	375	2	67.50m ²
Curve Entries -	9 x 20m x 0.70 (m)			2	126.00
					2331.00m ²
					ie 2331.00 m ²
⑤ Plr & applying finish coat					
Measurement & qty same as in item ④					
					= 2331.00 m ²
⑥ Plr & laying & rolling 20 mm thick M.S.S					
Measurement & qty same as in item ④					
					= 2331.00 m ²
⑦ Plr & fixing masonry infomatory/monitor board					
					03 Nos
⑧ Plr & fixing citizen information board					
					02 Nos

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Plr & lining of retro- reflectors on highway					
(a) 600 mm equilateral triangle		06 Nos			
(b) 60 cm circular		04 Nos			
(c) 800 x 600 mm rectangular		02 Nos			
(d) 300 mm side octagon		01 No.			
(12) Plr & lining boundary Pillar		40 Nos			
(14) Plr & lining kerb stone		01 No.			
(12) Plr & lining 200 mm stone		04 Nos			
(13) Road marking with waterproofed thermoplastic compound					
(9) on BT					
2 x 288 m x 0.40					2 117.60 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					117.60 m ²
2 x 3	2 x 3	1.70	0.20		2.04 m ²
					119.64 m ²
		ie	119.64 m ²		
(b)					
On p.c.	2 x 189 m	0.10	2		37.80 m ²
2 x 3	2 x 3 x 2 m	0.20	2		2.40 m ²
					40.20 m ²
		ie	40.20 m ²		
(10) Contn of section					
					Shoulder
BT	2 x 7 x 30 m	1.325	0.275		153.04 m ²
	2 x 12 x 30 m	1.20	0.075		64.80 m ²
BT	2 x 6 x 30 m	0.60	0.235		50.76 m ²
					268.60 m ²
		ie	268.60 m ²		
(15) E/W in excavation for cable					
	3	6.00	0.60	1.00	10.80 m ³
		ie	10.80 m ³		
(16) Laying 1st class bedding					
	12 x 2.50	0.60	0.25		4.50 m ³
		ie	4.50 m ³		
(17) P/W laying P.W.P. 12P					
	300 mm dia				Cable duct
	12 x 2.50	2	30.00		

Continuation

15/03/24
AE/SE15/03/24
AE

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COS					
① Setting out — work with consumption of bench mark levels. Pillars					
Qty used TMB P/10 item ①					
0.800 m ②	17761.00/m				142092
② Clearing grass & removal of rubbish.					
Qty used TMB P/10 item ②					
0.48 m ②	19330.80/m				956720
③ Dismantling of Cement concrete					
Qty used TMB P/10 item ③					
1.77 m ³ ③	678.16/m ³				1200.00
④ Dismantling brick masonry					
Qty used TMB P/11 item ④					
39.60 m ³ ④	773.10/m ³				306152
⑤ Removing all types of UP (600 to 900 mm dia)					
Qty used TMB P/11 item ⑤					
10.00 m ⑤	349.80/m				34982
⑥ Excavation in soil using hydraulic excavator					
Qty used TMB P/11 item ⑥					
138.40 m ³ ⑥	103.96/m ³				143882

Continuation

734772

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					73477 ²
⑦ Removal of unsuitable soil					
Qty vol TMBP/11 item ⑦					
27.68 m ³ @ 103.96/m ³					2878 ²
⑧ Constn of embankment with material obtained from roadway cutting					
Qty vol TMBP/11 item ⑧					
110.92 m ³ @ 83.71/m ³					9268 ²
⑨ Constn of embankment do = upto 1000 m long					
Qty vol TMBP/12 item ⑨					
1180.58 m ³ @ 217.07/m ³					256269 ²
⑩ Constn of embankment do = upto 1000 m long					
Qty vol TMBP/12 item ⑩					
295.145 m ³ @ 267.79/m ³					79037 ²
⑪ Constn of subgrade/shoulder					
Qty vol TMBP/12 item ⑪					143820
" " " 8/19 item ⑪					103.95
" " " 8/24 item ⑪					268.60
" " " 8/24 item ⑪					438.03
" " " 8/24 item ⑪					10.75
" " " 8/24 item ⑪					79363 ²

Continuation

D 983092²1215092²

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Particulars	Details of actual measurement				Contents of area B (F)
	No.	L.	B.	D.	
				12	121509222
(12) Constant G.B. Cr. I					
Qty under MB P/12 item (12) =					342.60
" " " P/20 item (12) =					213.51
				556.11	m ³
Limited as per agreement					
555.47 m ³ @ 2813.02/m ³					15625482
(13) Plv. laying apronding &					
Compacted down MB 423					
Qty under MB P/22 item (13) =					57.60 m
" " " P/21 item (13) =					174.86
					232.46 m
Limited as per agreement					
232.45 m ³ @ 4082.63/m ³					9490072
(14) Plv. & laying apronding					
Coal					
Qty under MB P/22 item (14)					
2331.00 m ³ @ 58.36/m ³					1360372
(15) Plv. & applying tank coal					
Qty under MB P/22 item (15)					
2331.00 m ³ @ 19.96/m ³					465272
(16) Plv. laying & rolling 20					
mm thick m.s.s					
Qty under MB P/22 item (16)					
2331.00 m ³ @ 252.18/m ³					5892062

Continuation

440984172

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Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
					19 44984172
(17) Concrete un-reinforced					
Per permanent 4.30					
Qty vide TMB P/21 item (3) & (4)					
2122.43 m ³					
Unit rate 122.40 m ³					
@ 19 7472.87/m ³					3146792
(18) Plinth base of typical					
Primary Informatory/Manhole					
base					
Qty vide TMB P/22 item (7)					
03 Nos @ 14004.03/each					42012
(19) Plinth base of typical					
Information base					
Qty vide TMB P/22 item (8)					
02 Nos @ 11912.41/each					238252
(20) Plinth base 600 mm					
equilateral triangle					
Qty vide TMB P/23 item (5) & (6)					
06 Nos @ 4262.38/each					255742
(21) Plinth base 600 mm circular					
Qty vide TMB P/23 item (5) & (6)					
04 Nos @ 5669.78/each					226792

Continuation

55271862

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Particulars	Details of actual measurement				Contents of area B/F
	No.	L.	B.	D.	
				13	552718622
(22) Plt & bing 800 x 600 mm rectangular					
Obj vid TMB P/23 item (30)					
02 Nos @ 15 7852.94/each					1570622
(23) Plt & bing 900 mm side octagon					
Obj vid TMB P/23 item (31)					
01 No @ 15 9980.61/each					998122
(24) Plt & bing boundary pricers					
Obj vid TMB P/23 item (12)					
40 Nos @ 15 649.06/each					259622
(25) Plt & bing 100 m tower					
Obj vid TMB P/23 item (11)					
01 No @ 15 2616.33/each					261622
(26) Plt & bing 200 m tower					
Obj vid TMB P/23 item (12)					
04 Nos @ 15 763.88/each					305622
(27) Road Marking 0.15 m T					
Obj vid TMB P/23 item (13)					
119.64 m					
limited 119.60 m @ 15 88486/each					10582922

Continuation

569033622

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					5690336
(28) Road marking on rigid surface					
Qty of TMB P/24 item (86)					
748.20 m					
Quantity to 40.00 m					
Qty 970.12/m					388052
(29) Bitum excavating for found ⁿ structure					
Qty of TMB P/13 item (15)					110.21 m
10.804					
121.01 m					
Qty 395.62/m ³					482372
(30) Pl. for masonry found ⁿ					
Qty of TMB P/13 item (16)					
7.92 m					639576/m ³ 506542
(31) Pl. Type C1 bedding					
Qty of TMB P/24 item (16)					
4.50 m ³					575.25/m ³ 25892
(32) Pl. & laying 300 dia					
Rise curve duct pipe					
Qty of TMB P/24 item (17)					
30.00 m					945.81/m 283742

Continuation

58589952

Continuation

6276095 = v

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Particulars	Details of actual measurement				Contents of area B/f
	No.	L.	B.	D.	
					62760952
(38) Plr Room 20m					
Sub					
39 Super structure					
Qty vol = TMBP/14 item (22)					
16.24 m ³	Q	7879.30/m ³			1279702
(39) Plr wall hole					
40					
Qty vol = TMBP/14 item (23)					
36 Nos	Q	153.13/each			55132
(40) Plr Room 25m					
Sub					
Qty vol = TMBP/14 item (24)					
11.55 m ³	Q	8603.76/m ³			993392
(41) Back filling behind					
42 abutment & return wall					
Qty vol = TMBP/14 item (42)					
33.98 m ³	Q	996.15/m ³			338492
(42) Plr 4 layer Arter					
43 medig					
Qty vol = TMBP/15 item (26)					
20.09 m ³	Q	3278.98/m ³			658752
(43) Plr drainage spout					
46					
Qty vol = TMBP/15 item (27)					
84 Nos	Q	1525.63/each			61022

Continuation

66147482

