

3rd & Final bill
15

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road -	constr ⁿ of Road from				
	Bhakurahi To Bakuri				
	under M.M.C.S.Y (Bricks)				
Agency -	S.K. Builders				
	C/o - Sanjeev Kumar				
	Vill - Mahmada, P.S - Pataki				
	Dist - East Champaran				
Agreement No.	(503 M.B.D / 2020-21)				
Date of work start	17-06-2020				
Time of completion	18-06-2021				
Actual date of completion	31-3-2022				
UP To date measurement					
Item of work					
① Providing laying, Spreading and compacting of Stone Aggregate W.B.M.					
Cur - III - all complete Job					
B.T Portion					
1 X	30.00 X	3.50 + 3.40	$\times 0.075 = 7.762 m^3$		
		2	$= 7.875 m^3$		
1 X	30.0 X	3.40 + 3.60	$\times 0.075 = 7.875 m^3$		
		2	$= 7.762 m^3$		
1 X	30.0 X	3.60 + 3.30	$\times 0.075 = 7.425 m^3$		
		2	$= 7.537 m^3$		
1 X	30.0 X	3.30 + 3.40	$\times 0.075 = 7.537 m^3$		
		2	$= 7.537 m^3$		

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 30.0 x 3.40 + 3.75				x 0.075	8.043m ³
		2			
1x 30.0 x 3.75 + 3.50				x 0.075	8.156m ³
		2			
1x 30.0 x 3.40 + 3.30				x 0.075	8.493m ³
		2			
1x 4.0 x 3.50 + 3.60				x 0.075	1.065m ³
		2			
					72 55.625m ³
1x 30.0 x 3.30 + 3.40				x 0.075	8.493m ³
		2			
② Providing Primer coat					
With emulsion (SS)					
all complete job					
1x 30.0 x 3.50 + 3.40				x 0.075	103.50m ²
		2			
1x 30.0 x 3.40 + 3.60				x 0.075	102.00m ²
		2			
1x 30.0 x 3.60 + 3.30				x 0.075	103.50m ²
		2			
1x 30.0 x 3.30 + 3.30				x 0.075	99.00m ²
		2			
1x 30.0 x 3.30 + 3.40				x 0.075	100.50m ²
		2			
1x 30.0 x 3.40 + 3.75				x 0.075	107.25m ²
		2			
1x 30.0 x 3.75 + 3.50				x 0.075	108.75m ²
		2			
1x 4.0 x 3.50 + 3.60				x 0.075	14.20m ²
		2			
					741.70m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) Providing and applying Tack coat with bitumen emulsion (R&I) - all complete Job					108.72m ²
Same Qty stem No.					108.72m ²
			(2)		= 741.70m ²
(4) Provisioning and rolling of close graded premix surfacing of 20mm thick mix seal - all complete Job					100.20m ²
Same Qty stem No.					100.20m ²
			(3)		= 741.70m ²
Station 15+02.1022 (Def) 15+10m					
(5) Provision Laying Road marking B.T Portion - all complete Job					
2 x 7m x 30m x 0.100 = 42.0m ²					
(4) 2 x 1 x 4.0m x 0.100 = 0.800m ²					
					42.800m ²
(6) Provision Laying Road marking C.C Portion - all complete Job					

Abstract of cost

Sch. XLV-Form No.134

19

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 constn of benchmark and reference pillar					
E/I					
Vide TMB, P- 11					
0.421 K.m @Rs 7412-38/K.m					31212-00
2/2 clearing and grubbing					
(10) Road land E/I					
147 Hect. Vide TMB, P- 11					
@Rs 51133-76/Hect					75172-00
3/11 constn of embankment					
with approved material					
up To 1000 m lead - E/I					
65.10 m ³ Vide TMB, P- 11					
@Rs 202-52/m ³					13184-00
4/12 constn of embankment					
with approved material					
up To 100 m lead - E/I					
568.04 m ³ Vide TMB, P- 12					
@Rs 167-41/m ³					95095-00
5/14 constn of sub grade					
for B.T Road from					
1000 m lead E/I					

Continuation

180

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x 6Nos x 30.0m x 0.100					36.0m ²
⑥ 2x 1x 20.0m x 0.100					4.0m ²
					40.0m ²
⑦ Prov'n and fixing of					
3x K.m Local Stone					1.0Nos
⑧ Prov'n and fixing					
200m Stone					2.0Nos
⑨ Providing and fixing					
Traffic sign					
(i) 600mm equilateral Triangle					2.0Nos
(ii) 600mm circular					1.0Nos
(iii) 800x600mm rectangular					2.0Nos
(iv) 600mm x 450mm rectangular					2.0Nos
⑩ Direction and Place					
Identification sign					2.0Nos
⑪ Prov'n and fixing masonry					
Maintenance board					1.0Nos
<i>SALES</i> 23/02/22 SE <i>AB</i> 23/02/22 AB					
Continuation					

4021564 of 0084

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
283.50 m ³	Vide TMB, P-12				
	@ Rs 204 = 16/m ³				57879 = 00
6/8 Box cutting of exca					12002 = 00
58.00 m ³ Vation for roadway					
	E/I				
5.525 m ³	Vide TMB, P-12				
	@ Rs 74 = 16/m ³				1151 = 00
7/20 constr ⁿ of C.C. S.B in					
C.C. Portion				E/I	13181 = 00
1.13 m ³	Vide TMB, P-12				
	@ Rs 2727 = 70/m ³				57636200
8/15 constr ⁿ of C.C. S.B					
C.C. Portion				E/I	
173.34 m ³	Vide TMB, P-12				
	@ Rs 2727 = 70/m ³				472819 = 00
9/16 Provn Laying Sprc					
ding and compacting					
Stone aggr. W.B. M					
C.C. - III				E/I	11251 = 00
57.562 m ³	Vide TMB, P-12				
55.625 m ³	Vide TMB, P-16				
113.187 m ³	@ Rs 3402 = 55/m ³				385124 = 00
10/21 constr ⁿ of unreinfo					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
reed plain cement					
thickness of bed sign					
			E/I		
1.20 m ³					
Vide TMB, P-13					
@ Rs. 6396 = 40/m ³					775244 ²⁰
W/13 concrete of subgrade					
lean concrete shoulder					
as per			E/I		
1.00 m ³					
Vide TMB, P-13					
@ Rs. 204216/m ³					17149 ²⁰⁰
12/35 Prov'n and fixing					
Logo of citizen info					
information board					
2.0 Nos					
Vide TMB, P-13					
1.0 Nos					
Vide TMB, P-18					
3.0 Nos					
@ Rs. 12433 = 95/each					373022 ²⁰
13/17 Prov'n and applying					
primer coat with					
emulsion SS1				6/I	
741.70 m ²					
Vide TMB, P-16					
@ Rs. 42 = 21/m ²					31307 ²⁰⁰
14/18 Prov'n and applying					
Tack coat with					
emulsion RS1				E/I	
741.70 m ²					
Vide TMB, P-17					
@ Rs. 14 = 35/m ²					106432 ²⁰⁰

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/19 Prov'n laying and rolling m/c seal				E/I	
741.70m ² Vide TMB, P-17					
@ Rs. 205292/m ²					15273120
16/31 Prov'n and laying Road marking in B.T Portion —				E/I	
12.800m ² Vide TMB, P-17					
@ Rs. 735244/m ²					31477200
17/32 Prov'n and laying Road marking in C.C Portion —				E/I	
40.0m ² Vide TMB, P-18					
@ Rs. 82642/m ²					3305720
18/25 Prov'n and fixing K.M Stone —				E/I	
1.0 Nos Vide TMB, P-18					
@ Rs. 2329=05/each					2329200
19/26 Prov'n and fixing 200m Stone —				E/I	
2.0 Nos Vide TMB, P-18					
@ Rs. 615299/each					1232200
20/27 Prov'n and fixing 600mm equilateral Triangle —				E/I	

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.P = R = 2		22134920
Add G.S.T @ 12% (+)					2665622
Add L.Cess @ 1% (+)					222132
Add S.C. (Mortgage fee) (H)					25897
			R = 2		53602120
Less 0.11% below 2					2790200
			R = 2		53323120
Less previous payment (H) = 2					19915220
			R = 3		334079200
<i>Signature</i> 23/02/22 <i>Signature</i> 23/02/22					
<i>Signature</i> 23/2/22					
(i) ...					...
(ii) ...					...
(iii) ...					...
(iv) ...					...
(v) ...					...
(vi) ...					...
(vii) ...					...
(viii) ...					...
(ix) ...					...
(x) ...					...
(xi) ...					...
(xii) ...					...
(xiii) ...					...
(xiv) ...					...
(xv) ...					...
(xvi) ...					...
(xvii) ...					...
(xviii) ...					...
(xix) ...					...
(xx) ...					...
(xxi) ...					...
(xxii) ...					...
(xxiii) ...					...
(xxiv) ...					...
(xxv) ...					...
(xxvi) ...					...
(xxvii) ...					...
(xxviii) ...					...
(xxix) ...					...
(xxx) ...					...

Continuation

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

Record Entry

① Constn of subgrade and earthen shoulder

Side of WSB & WBN in ce road

$$2 \times 4 \times 30 \times 0.600 \times 0.175 = 2.520 \text{ m}^3$$

$$2 \times 2 \times 30 \times 0.500 \times 0.175 = 10.50 \text{ m}^3$$

$$2 \times 1 \times 20 \times 0.500 \times 0.175 = 3.50 \text{ m}^3$$

Side of WBN in BT Road.

$$2 \times 5 \times 30 \times 0.800 \times 0.075 = 18.00 \text{ m}^3$$

$$2 \times 2 \times 30 \times 0.700 \times 0.075 = 6.30 \text{ m}^3$$

$$2 \times 1 \times 4.0 \times 0.700 \times 0.075 = 0.42 \text{ m}^3$$

Side of ce road:-

$$2 \times 4 \times 30 \times 0.600 \times 0.160 = 2.304 \text{ m}^3$$

$$2 \times 2 \times 30 \times 0.500 \times 0.160 = 9.60 \text{ m}^3$$

$$2 \times 1 \times 20 \times 0.500 \times 0.160 = 3.20 \text{ m}^3$$

99.76 m³

SALES

12/03/022
S.E.

$$2 \times 1 \times 20 \times 0.500 \times 0.160 = 3.20 \text{ m}^3$$

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Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>E/W Calculation Sheet</u>					
<u>CH</u>	<u>Area</u>	<u>M. Area</u>	<u>length</u>	<u>Volume</u>	
0	1.142				
50	2.357	1.750	50	87.475	
100	2.450	2.404	50	120.175	
150	2.583	2.517	50	125.825	
200	2.658	2.621	50	131.625	
250	5.751	4.205	50	210.225	
300	5.754	5.753	50	287.625	
350	6.922	6.338	50	316.900	
400	6.741	6.832	50	341.575	
421	7.527	7.134	21	149.814	
Total B/w with crust				1770.639m ³	

Less qty of box cutting (→)	15.525m ³
Less qty of USB (BT Road) (→)	173.34m ³
Less qty of USB (ce Road) (→)	21.13m ³
Less qty of USB (→)	113.187m ³
Less qty of Peel Pavt (→)	12.120m ³
Less qty of subgrade (→)	467.26m ³
Net B/w qty	858.997m ³

① Constn of embankment	
load up to 1000m	
Qty - 13% of 858.997m ³	111.67m ³
Alread Paid Qty Page-19 (→)	65.10m ³
	46.57m ³

② Constn of embankment	
load up to 100m	

Continuation

Abstract of cost 29

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Constn of benchmark and Ref. Pillar					
Q-VTHB P19 ① = 0.421 Km					
e h 7412 = 38/Km h					3121 = m
② Clearing and grubbing road land					
Q-VTHB P19 ② = 0.147 hect					
e h 51133.76/hect h					7517 = m
③ Excavation for roadway (box cutting)					
Q-VTHB P20 ③ = 15.525 m ³					
e h 74 = 16/m ³ - h					1151 = m
④ Constn of embankment					
lead up to 1000 m					
Q-VTHB P19 ④ = 65.10 m ³					
P27 ④ = 46.5 m ³					
111.6 m ³					
e h 2.02.52/m ³ - h					22615 = m
⑤ Constn of embankment lead up to 100 m					
Q-VTHB P19 ⑤ = 568.04 m ³					
P27 ⑤ = 179.29 m ³					
747.33 m ³					
e h 167.41/m ³ - h					125111 = m
⑥ Constn of subgrade and earthen shoulder					
all e p h					

Continuation

159515 = m

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Q-VTHB/19(5) = 283.50 m					
P26(D) = 99.76 m					
383.26 m					
Ck 202.16 m - R -					77,480 ²⁰⁰
(7/15) From granular subbase grading					
Q-VTHB/22(8) = 173.34 m					
Ck 2727.70 m - R -					4,728,19 ²⁰⁰
(8/16) From work grade					
Q-VTHB/20(9) = 113.18 m					
Ck 3402.55 m - R -					385,124 ²⁰⁰
(9/13) Compn of subgrade and earth on shoulder					
Q-VTHB/21(10) = 84.01 m					
Ck 204.16 m - R -					1,714,9 ²⁰⁰
(10/17) From base coat with emulsion (SS1)					
Q-VTHB/21(12) = 741.70 m					
Ck 42.21 m - R -					3,130,7 ²⁰⁰
(11/18) From tack coat with emulsion (RS1)					
Q-VTHB/21(14) = 741.70 m					
Ck 14.35 m - R -					1,06,43 ²⁰⁰
(12/19) From laying and rolling mix seal					
Q-VTHB/22(15) = 741.70 m					
Ck 205.92 m - R -					1,52,731 ²⁰⁰
Continuation					
					13,06,768 ²⁰⁰

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/20) Constn of granular sub base gr I					
Q-VIIB/20 (10) = 21.1311					
e h - 2727.701/m ² h					57635.20
(14/21) Constn of unreinforced pcc pavement					
Q-VIIB/20 (10) = 121.2011					
e h - 6396.401/m ² h					775244.26
(15/25) Brmn and fixing km stone					
Q-VIIB/22 (18) = 1 Na					
e h - 2329.05/each h					2329.26
(16/26) Brmn and fixing 500mm stone					

Q-VIIB/22 (19) = 2 Na					
e h - 615299/each h					1232.20
(17/27) 600mm equilateral					
Q-VIIB/22 (20) = 2 Na					
e h - 3492.24/each h					6984.26
(18/28) 600mm circular					
Q-VIIB/23 (21) = 1 Na					
e h - 4806.27/each h					4806.20
(19/29) 800mm x 600mm					
Q-VIIB/23 (22) = 2 Na					
e h - 6184.89/each h					12370.20
(20/30) 600mm x 450mm					
Q-VIIB/23 (23) = 2 Na					
e h - 4156.74/each h					8313.20

Continuation

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Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(21) 3p From laying Road Marking (BT Portion)					
Q-VTMB P22 (16) = 42.80 H ²					
e h - 735 = 441 H ² h -					31477 = 20
(22) 32 From and laying Road Marking (ce Portion)					
Q-VTMB P22 (17) = 40.5 H ²					
e h - 826.42 / h h -					33057 = 20
(23) 34 Direction 2 place identification					
Q-VTMB P23 (29) = 1 H ²					
e h - 2878.78 / each h -					2879 = 0
(24) 35 From and fixing logs utilizes board					
Q-VTMB P21 (12) = 3 H ²					
e h - 12433.95 / each h -					37302 = 20
					2,280,397 = 200
Add 12.1/ CTS T (+)					2,73,648 = 200
Add 1.1/ Labour cost					22804 = 200
Add signage fee →					27427 = 200
					R - 2,60,4276 = 200
Less 0.11/ below →					2865 = 200
					R - 2,60,1411 = 200
Less Prev. Payment →					21,99152 = 200
					R - 402,259 = 200
31/02/22					
T.E					

Continuation