

Chattiga Darohari Tola Se Samidha ke
Ghar Tak. Under MMSY MIDG (Bricks)
Schedule XLV-Form No. 134

MB No- 602/2023-24

Airway
DIVISION

Areej
SUB-DIVISION

Utkarsh Arand Builders Pvt-Ltd.

MEASUREMENT BOOK

आशुतोष कुमार मदनिया, सचिव

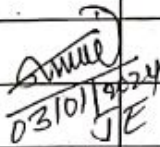
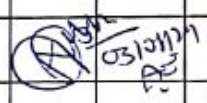
Sch. XLV-Form No. 134

Sch.XLV-Form No. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
5th and ^{1st} bill					
Name of work- Const ⁿ of road					
from Chatia Darhori Tola-se					
Samidha ke ghar Tak					
under Munsy (B216)					
Agency- Utkarsh Anand Builders					
Pvt, Ltd.					
Agreement No- 01581/2023-24					
Agreement Value- 379,617.67=					
Date of start- 23/06/2023					
Date of completion- 22/06/2024					
Date of Entry:-					
Record Entry					
(1) Const ⁿ of subgrade and					
earthen shoulder					
5	X 30	X 7.275	X 0.30	=	327.375
6	X 30	X 7.275	X 0.30	=	392.85
1	X 20	X 7.275	X 0.30	=	43.65
					763.875
(2) Prov ⁿ Ungranular subbase					
grading T					
BT Portion:-					
Profile correction:-					
1	X 6.75	X 1.90	X 0.100	=	1.1775
1	X 7.35	X 2.20	X 0.100	=	2.0617
2	X 8.00	X 2.20	X 0.100	=	3.52
earthen portion:-					
1	X 20	X 6.00	X 4.05	X 0.200	= 20.107
5	X 30	X 4.05	X 0.200	=	12.150
6	X 30	X 4.05	X 0.200	=	145.80
					294.157
Continuation					

25/12/2023
J.E.

25/12/23
A.E.

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F.	2	94.15H
Junction (Bell Mouth):-					
17V	7.10	+6.70	+4.05	$\times 0.20 =$	20.73H ³
20V	8.50	+7.75	+4.05	$\times 0.20 =$	27.07H ³
25V	9.15	+8.50	+4.05	$\times 0.20 =$	36.17H ³
15V	5.85	+5.00	+4.05	$\times 0.20 =$	14.90H ³
		3			392.52H ³
(3) From granular subbase					
e e Portion)					
Profile correction:-					
1 X	8.10	X 2.25	X 0.100	=	1.82H ³
1 X	6.25	X 1.90	X 0.100	=	1.19H ³
1 X	7.50	X 2.10	X 0.100	=	1.57H ³
2 X	5.75	X 2.00	X 0.100	=	2.30H ³
1 X	9.00	X 2.50	X 0.100	=	2.25H ³
2 X	6.00	X 2.25	X 0.100	=	2.70H ³
1 V	25 X 6.50	+ 3.75	X 0.100	=	12.81H ³
1 X	22 X 3.75	+ 5.60	+ 3.75	X 0.100	= 9.60H ³
1 V	18 X 3.75	+ 4.90	+ 3.75	X 0.100	= 7.44H ³
1 V	22 X 3.75	+ 6.73	X 0.100	=	14.67H ³
		2			56.35H ³
 03/10/2024 J.E.  03/10/24 PE					

Continuation

Sch.XLV-Form No. 134

Sch.XLV-Form No. 134				Contents of iron
Particulars	Details of actual measure			
	No.	L.	B.	D.
Record Entry.				
① Paving, laying, spreading and compacting with concrete-3 (JST Portion)				
1x20	4.6	$\frac{4.6}{2} + 3.75$	$\times 0.075 =$	7.311 ³
5x	3.0	$\times 3.75$	$\times 0.075 =$	42.191 ³
6x	3.0	$\times 3.75$	$\times 0.075 =$	50.621 ³
Junction (Bell mouth):-				
1x7	7.10	$\frac{7.10}{3} + 3.75$	$\times 0.075 =$	7.461 ³
2x	8.50	$\frac{8.50}{3} + 3.75$	$\times 0.075 =$	10.101 ³
2x	9.15	$\frac{9.15}{3} + 3.75$	$\times 0.075 =$	13.371 ³
1x	5.85	$\frac{5.85}{3} + 3.75$	$\times 0.075 =$	5.471 ³
				136.421 ³
② Paving, laying, spreading and compacting with concrete-3 (C Portion)				
1x25x	6.50	$\frac{6.50}{2} + 3.75$	$\times 0.075 =$	9.611 ³
1x22	3.75	$\frac{3.75}{3} + 5.60$	$\times 0.075 =$	7.201 ³
1x18	3.75	$\frac{3.75}{3} + 4.90$	$\times 0.075 =$	5.581 ³
1x28	3.75	$\frac{3.75}{2} + 6.73$	$\times 0.075 =$	11.101 ³
				33.391 ³
10/01/2024 JE				
10/01/24 PO				

Continuation

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Sch.XLV-Form No. 104					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.	D.	
<u>Record Entry</u>					
① Constn of unreinforced PCC Pavement					
	1	25	6.50	+ 3.75 x 0.160 =	20.5011 ³
			<u>2</u>		
	1	22	13.75	+ 5.00 + 3.75 x 0.160 =	14.6611 ³
			<u>3</u>		
	1	18	3.75	+ 4.90 + 3.75 x 0.160 =	11.9011 ³
			<u>3</u>		
	1	28	3.75	+ 6.73 x 0.160 =	23.4811 ³
			<u>2</u>		
					70.5411 ³

Record Entry
① Constn of subgrade and
earth shoulder

<u>Side of GSB (BT Portion)</u>					
2 x 5 x 30 x 1.475				0.200	88.5011 ³
2 x 6 x 30 x 1.475				0.200	106.2011 ³
2 x 1 x 20 x 1.475				0.200	11.8011 ³
<u>Side of GSB (cc Portion)</u>					
2 x 2 x 30 x 0.625				0.100	7.5011 ³
2 x 1 x 20 x 0.625				0.100	2.5011 ³
2 x 1 x 13 x 0.625				0.100	1.6211 ³
<u>Side of WBM (BT Portion)</u>					
2 x 5 x 30 x 1.20				0.075	27.0011 ³
2 x 6 x 30 x 1.20				0.075	32.4011 ³
2 x 1 x 20 x 1.20				0.075	3.6011 ³
<u>Side of WBM (cc Portion)</u>					
2 x 2 x 30 x 0.625				0.075	5.6211 ³
2 x 1 x 20 x 0.625				0.075	1.8711 ³
Continuation					288.6111 ³

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F.	28	8.61M ²
2 x 1 x 13 x 0.625 x 0.100 =					1.62M ²
Side of ce Portion					
2 x 10 x 30 x 0.625 x 0.160 =					60.00M ²
2 x 10 x 30 x 0.625 x 0.160 =					60.00M ²
2 x 10 x 30 x 0.625 x 0.160 =					60.00M ²
2 x 12 x 30 x 0.625 x 0.160 =					72.00M ²
2 x 1 x 28 x 0.625 x 0.160 =					5.60M ²
					547.83M ²
Bellmouth					
6.2m x 6.45m x 0.30 =					119.97M ²
					667.80M ²
Sum 18101.0024 J.E.					
Record Entry					
① Prov'n, laying 150/E/Soling (both side of Rec Portion)					
2 x 10 x 30 x 0.375 =					225.00M ²
2 x 10 x 30 x 0.375 =					225.00M ²
2 x 10 x 30 x 0.375 =					225.00M ²
2 x 12 x 30 x 0.375 =					270.00M ²
2 x 1 x 28 x 0.375 =					21.00M ²
					966.00M ²
② Prov'n and laying 300mm dia Rec Pipe NP3					
1 x 3 x 2.50 =					82.50M ²
Sum 25101.5024 J.E.					

Continuation

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Sch.XLV-Form No. 134					Contents of item
Particulars	Details of actual measure				
	No.	L.	B.	D.	
(3) Pavement laying Road Marking					
2	10	30	0.100		60.00m ²
2	10	30	0.100		60.00m ²
2	8	30	0.100		48.00m ²
2	1	10	0.100		2.00m ²
					170.00m ²
(4) Pavement 15 mm rubble strip					
2	15	3.75	0.25		28.13m ²
(5) Pavement Road Marking					
(6) Pavement laying Road Marking (see Particulars)					
2	10	30	0.100		60.00m ²
2	10	30	0.100		60.00m ²
2	10	30	0.100		60.00m ²
2	10	30	0.100		60.00m ²
2	2	30	0.100		12.00m ²
2	1	28	0.100		5.60m ²
					257.60m ²
(5) Pavement and fixing 10m					
stone					3 Nos
(6) Pavement and fixing 20m					
stone					10 Nos
(7) Pavement and fixing Traffic					
sign					
(i) 600mm circular					8 Nos
(ii) 900mm equilateral triangle					8 Nos
(iii) 600mm x 450mm					10 Nos
(8) Direction and Place					
identification sign					2 Nos

Signature
29/10/2024
JE

Continuation
29/10/24
AS

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Sch.XLV-Form No. 134					Contents of area
Particulars	Details of actual measure				
	No.	L.	B.		D.

Continuation 1490962-00

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Particulars	Details of actual mensure				Contents of area
	No.	L.	B.	D.	
(8 66771) Prov'n granular subbase					
grading - 1					
Q-VTHB P52(8) =	1092.37511 ³				
P57(8) =	392.5211 ³				
P58(8) =	56.3511 ³				
	1441.24511 ³				
c h. 436.120/11 ³ — P. 62	85.558=				
(9 67472) Prov'n laying, spreading and compacting wbs					
grade - 3					
Q-VTHB P52(9) =	624.37411 ³				
P59(9) =	136.4211 ³				
P59(2) =	33.3911 ³				
	794.18411 ³				
c h. 5893.14/11 ³ — P. 46	80.237=				
(10 68) Prov'n Prime coat with emulsion (SS)					
Q-VTHB P52(10) =	3187.5011 ³				
c h. 60.40/11 ³ — P. 1	92.525=				
(11 69) Prov'n Tack coat with emulsion (RS)					
Q-VTHB P52(11) =	3187.5011 ³				
c h. 20=77/11 ³ — P. 66	204=				
(12 70) Prov'n laying and rolling mix seal					
Q-VTHB P52(12) =	3187.5011 ³				
c h. 311.63/11 ³ — P. 9	93321=				
(13 73) Cont'n of un-reinforced					
Rec Pavement					
Continuation					1,37,08807=

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Particulars	Details of actual measure				Contents of iron
	No.	L.	B.	D.	
Q. VIII B P 52 (13) =			722.62811		
P 60 (10) =			70.5111		
			793.16811		
limited.			788.2611		
e R. 10433.20/11				R. 82,24,074	
(14) Pover laying B/E/S					
(74) Q. VIII B P 61 (10) =			766.011		
e R. 524=11/11				R. 5,06,290=0	
(15) Pover and fixing km stone					
(75) Q. VIII B P 62 (5) =			3 May		
e R. 3358.59/each				R. 10,076=0	
(16) 200 mm stone					
(76) Q. VIII B P 62 (6) =			10 May		
e R. 705=50/each				R. 7055=0	
(17) 600 mm circular					
(77) Q. VIII B P 62 (8) =			8 May		
e R. 6041:85/each				R. 48335=0	
(18) 900 mm circular					
(78) Q. VIII B P 62 (7) =			8 May		
e R. 6378.94/each				R. 55112=0	
(19) 600 mm x 450 mm					
(79) Q. VIII B P 62 (9) =			10 May		
e R. 5896.92/each				R. 58969=0	
(20) Pover laying Road marking					
(80) Q. VIII B P 63 (3) =			170.011		
P 61 (9) =			257.6011		
			427.6011		
e R. 825.75/11				R. 3,53,091=0	

Continuation

2,29,73,809=n

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(21) Brown 15 mm wide strip (84) Rec Pipe HB Q-VTMB 61 (2) = 82.50 m e R 972.41/m - R 80224=0					
(22) Direction and place (85) identification sign Q-VTMB 62 (8) = 2 M ² e R 1459.35/each R 29183=0					
(23) Brown and grey masonry (86) information sign board Q-VTMB 52 (19) = 4 M ² e R 1221.37/each R 49285=0					
(24) E/W in excavation in (87) found Q-VTMB 53 (17) = 401.60 m ² e R 383=28/m ² R 153925=0					
(25) Brown Rec 115 in found (88) Q-VTMB 53 (8) = 29.60 m ² e R 8523=16/m ² R 252286=0					
(26) Brown Rec 112 in found (89) Q-VTMB 53 (7) = 117.80 m ² e R 9298.04/m ² - R 1095309=0					
(27) Brown Rec 120 in sub (90) structure Q-VTMB 53 (8) = 108.68 m ² e R 9995.18/m ² R 1086276=0					
Continuation					2,57,20,297=0

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(28) (91) Brown weep hole Q-VTMBP 53 (28) = 136.44 e h 148.29/each h. 20167=a					
(29) (92) S/F/F HYSD bars in sub structure Q-VTMBP 53 (29) = 4.728 MT e h 81955.36/MT h. 387485=a					
(30) (93) Brown back filling Q-VTMBP 53 (30) = 110.96 MT e h 3904.91/MT h. 433289=a					
(31) (94) Brown filter media Q-VTMBP 53 (31) = 74.00 e h 4874=69/MT h. 360727=a					
(32) (95) Brown Rec 125.70 super structure Q-VTMBP 54 (32) = 21.60 MT e h 11244.84/MT h. 242889=a					
(33) (96) S/F/F HYSD bars in super structure Q-VTMBP 54 (33) = 1.84 MT e h 83609.33/MT h. 153841=a					
(34) (97) Contn of Rec Railway Q-VTMBP 54 (34) = 20.00 MT e h 7363.31/MT h. 147266=a					
(35) (98) Brown Drainage spouts Q-VTMBP 54 (35) = 16.44 e h 770=01/each h. 12320=a					
Continuation 2,74,78,281=a					

Continuation