

Harizan Tola Se Mishin Tola
under Massey No. 8 (Bricks)
Schedule XLV-Form No. 134

MB No- 601/2023-24

Averaj

DIVISION

Songram pur. **SUB-DIVISION**

Utkarsh Anand Builders Pvt. Ltd.

MEASUREMENT BOOK

Signature of the Officer in Charge

Isbn' A/c Bill

1.

Name of work -
 Situation of work -
 Agency by which work is executed -
 Date of measurement -
 No. and date of agreement.
 (These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work -					
of banijam basi se Mishin					
Atola.					
Agreement No. :-					
01 SBD/2023-					24
Block -					Sangrampur
Agency -					Sushi
Utkarsh					
Arund Builders Pvt. Ltd.					
Date of agreement -					23/06/2023
Date of Completion -					23/06/2024

Date of survey -					05/06/2023
P/v and fixing of work					
① Setting bench mark -					
Qty 1.334 km.					
Ref Point Qty 1.334 km.					
② clearing and grubbing					
Back Land -					
$2 \times 29 \times 25 \times 2.0 =$					2900
$2 \times 9 \times 2.0 =$					36
					2936 m ²
					0.29 Hec.
$2 \times 24 \times 25 \times 2.0 = 2400 m^2 =$					0.24 Hec.
③ Box cutting					
Excavation for road way					
in soil using manual					
meas -					
$2 \times 28 \times 25 \times 0.335 \times 0.10 =$					52.5

Continuation

2
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
2 x 9 x 0.375 x 0.10					= 0.675
				Width	52.175 m ²
4				Swath	051.6123
Date of entry: - 08/06/23					
(1) Construct ⁿ of embankment					
with modernised abutment					
Slope between P.R.					
Edn. quantity sheet					
ch.	Area	Mean	Dist.	Volume	
		Area		For 100 m	For 100 m
				m Lead	Lead
0	0.920				

50	0.893	0.907	50		45.325
100	1.099	0.996	50		49.800
150	0.941	1.020	50		51.00
200	1.119	1.030	50		51.50
250	1.526	1.323	50		66.125
300	1.930	1.722	50		86.40
350	2.130	2.030	50		101.50
400	2.099	2.115	50		105.225
450	2.332	2.216	50		110.775
500	2.182	2.257	50		112.850
550	2.177	2.180	50		108.975
600	2.532	2.355	50		117.725
650	2.148	2.340	50		117.00
700	2.248	2.198	50		109.90

Continuation

3
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
750	0.173	1.211	50		60.525
800	0.244	0.209	50		10.425
850	0.124	0.184	50		9.20
900	0.118	0.121	50		6.050
950	0.117	0.118	50		5.875
1000	0.142	0.130	50		6.475
1050	0.191	0.167	50		8.325
1100	0.156	0.174	50		8.675
1150	0.233	0.195	50	9.725	10.40
1200	0.183	0.208	50	7.225	
1250	0.106	0.145	50	11.575	
1300	0.357	0.232	50		
1334	0.349	0.353	34	12.002	

Date of Conty: 95/6/23 50.927m³ 1350.15m³
08/06/23

① Earthwork in excavation

for structures - - -

$$9 \times 2.50 \times 7.50 \times 0.65 = 24.375$$

$$4 \times 2.50 \times 1.30 \times 1.80 = 23.40$$

$$2 \times 4 \times 1.40 \times 3.68 \times 1.40 = 57.70$$

$$\text{Total} = 105.47$$

② Plain cement concrete P.C.C.

MIS in building - - -

$$2 \times 1.50 \times 7.50 \times 0.10 \times 1.1 = 2.25$$

$$8 \times 1.40 \times 2.68 \times 0.20 = 6.00$$

$$8.25m^3$$

$$\text{Limit } 8.24m^3$$

Continuation

4
Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Date of entry					
① P/v P.C.C. Mea. Concrete					
for plain concrete					
2x4 x 1.0 x 2.275 x 0.20					= 3.64
2x4 x 1.0 x 2.175 x 0.20					= 3.48
2x4 x 1.0 x 2.075 x 0.20					= 3.32
2x4 x 1.0 x 1.975 x 0.20					= 3.16
2x4 x 1.0 x 1.875 x 0.20					= 3.00
2x4 x 1.0 x 1.775 x 0.20					= 2.84
2x4 x 1.0 x 1.675 x 0.20					= 2.64
2x4 x 1.0 x 1.575 x 0.20					= 2.52
2x2 x 1.50 x 0.30 x 1.50					= 2.70

Net qty = 27.30 m²

Sum^h
251.6/23
J.E.

Date of entry - 01/07/22

① Supplying fitting and plants

HYSD bar
bottom bar main (B.Hor)

12 mm ϕ bar 100 mm c/c.

60 Nos x 2.20 m x 0.82 kg/m = 117.78 kg

Distribution.
10 mm ϕ bar 250 mm c/c.

1x 10 nos x 6 m x 0.62 kg/m = 37.20 kg

Top bar
10 mm ϕ bar 100 mm c/c.

15 Nos x 6.60 m x 0.62 kg/m = 61.38 kg

Distribution.
10 mm ϕ 150 mm c/c

44 Nos x 1.50 x 0.62 kg/m = 40.92 kg

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Vertical bar					
		12 mm ϕ bar	125 mm/c		
	2 x 50 Nos.	X 1.60 m	X 0.891 kg/m		= 142.40 kg
	2 x 53 Nos.	X 1.60 m	X 0.891 kg/m		= 150.94 kg
Horizontal bar		10 mm ϕ bar	125 mm/c		
	2 x 2 x 13 Nos.	X 6.40 m	X 0.62 kg/m		= 206.31 kg
				Total	= 356.95 kg
					= 0.75 Ton
				Total length	= 0.75 x 1
					= 01.50 Ton
				Limit	= 1.3 Ton
				Sum	
				01/07/23	
				I.E.	

③ Plain/Reinforced concrete

in Substructure					
	2 x 1.50 x 7.50	x 0.95			= 5.625
	4 x 7.50 x 1.0	x 0.25			= 7.50
	8 x 1.00 x 1.01	x 0.78			= 6.30
	8 x 1.00 x 0.075				= 0.6
					20.0 m ³

④ P.V. pipe in trench

mandatory					
	Qty 2 x 28 Nos.				= 56 Nos.

Sum
01/07/23
I.E.

Continuation

[illegible]

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Remarks
	No.	L.	B.	D.	
Top/Dist	10mm ϕ bar	130mm c/c			
1x 10mm	8.67	7.4	1.16		2' 2.5"
Header bar	10mm ϕ bar				
4x 4x	1.00	0.66	height		3' 2.5"
Parapet	10mm ϕ bar				
2x 4x	1.50	0.66	height		7' 4.16"
Ring	8mm ϕ bar	200mm c/c			
2x 8mm	1.70	0.39	height		1' 2.32"
				Qty	250.13 kg
				2 x 250.13 kg	500.26 kg
				Total qty	0.50 ton

② Plv and laying minton

Concrete				
2x	1.50	7.5	0.25	5.625
2x4x	7.5	0.011		0.66
2x2x	1.5	0.25	0.30	0.45
				Total Qty = 6.74 m ³

③ Drainage space complete

as per drawing

Qty 284 = 8 Nos.

④ Plv and laying detail

Concrete wearing surface

2x 1.50 x 7.4 x 0.025 = 1.535 m²

Continuation

Sum
12107/18
26

Date of Entry	24/02/23	Sub: <u>Statistics</u>
② Conclm of W.B.M for IV		
P/v laying spreading and		
Compacting		
$20.0 \times 5.20 + 4.50 + 3.75 \times 0.075$	6.725	
3		
$30.0 \times 3.80 + 4.50 + 4.80 + 3.25 \times 0.075$	9.48	
4		
$95 \times 27 \times 3.75 \times 0.075$	189.84	
$5 \times 3.75 \times 0.075$	1.40	
Net Wt =		207.44 m
Sub:		
24/02/23		
J.K		

$$1.9 \text{ m} \times \left(\frac{3.75 + 3.83 + 4.26 + 3.81}{4} \right) \times 0.16 = 11.89$$

$$428.27 \text{ m}^3$$

July 02 New

$$2N_1 \times 29N_1 \times 25m \times 0.625 \times 0.100 = 90.625$$

$$5 \text{ m} \times 0.625 \times 0.10 = 0.312$$

$$2 \mu \times 29 \mu \times 25 \mu \times 0.625 \times 0.075 = 67.968$$

Scanned by CamScanner

04-03-23
J.E.

Abstract of Cost

(4158) clearing and grubbing

road hand

Qty vid T.M. & P.M. = 01

Qty 0.99 Hec + Qty 0.29 Hec = Qty 0.53 Hec.

@ R. 7269784/Hac	—	R. 38529.0
------------------	---	------------

(2/156) setting out bench marks

and Tapering Pillar.

Qty v/d T.M.B. & P.N. - 01

gby	1.334	km
-----	-------	----

D.M. @ R. 5042.48/km	---	B	6726.0
		P	255.0

R.P. @ R _s	2365	43/km.	—	R _s	3155.0
-----------------------	------	--------	---	----------------	--------

(3/159) Box	cutting
-------------	---------

excavation for roadway

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure			Contents of area
	No.	L.	B.	D.
in soil using manual				
mean				
Qty vide T.M.B & P.N. - 02				
Qty 53.175 m ³				
@ Rs. 10385/m ³				Rs. 5522.0
(4/160) Const of subgrade				
with material obtained				
Qty vide T.M.B & P.N. - 03				
For 1000 m				
Qty 50.927 @ Rs. 258.52/m ³				13165.00
For 100 m				

Qty 1350.15 @ Rs. 175.04/m ³				236289.0
(5/185) Earthwork in excavation				
for structures				
Qty vide T.M.B & P.N. - 02				
Qty 105.47 m ³				
@ Rs. 383.28 /m ³				Rs. 40424.0
(6/186) Plain cement concrete				
R.C.C. M15 in building				
Qty vide T.M.B & P.N. - 02				
Qty 8.23 m ³				
@ Rs. 8114.0/m ³				Rs. 66,859.0

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(7/187) P/V P.C.C. M 2.0					
Concrete for Plain concrete					
Qty vide T.M. & P.M. 04					
Qty 27.30 m ³					
@ R. 8853.40/m ³					R. 241861.0
(8/190) Supplying lifting and placing H.Y.S.D. bar.					
Qty vide T.M. & P.M. 05					
Qty 1.3 Ton					
@ R. 81955.36/Ton					R. 106541.0

(9/188) Plain/Reinforced concrete Canal in subgrade					
Qty vide T.M. & P.M. 05					
Qty 20.0 m ³					
@ R. 9556.53/m ³					R 191130.0
(10/189) P/V masonry in brick					
masonry					
Qty vide T.M. & P.M. 05					
Qty 56 Nos.					
@ R. 147.87/each					R 8280.0
(11/191) Backfilling behind abutment wing walls and return wall					
Qty vide T.M. & P.M. 06					

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
	Qty	11.88 m ³			
	@ R.	3464.44 / m ³			R. 38732.0
(12/192) P/v and laying filler material					
	Qty vide T.M.B & P.N.			06	
	Qty	12.01 m ³			
	@ R.	4434.25 / m ³			R. 53254.0
(13/194) Supplying, fitting and placing HYSD bar					
	Qty vide T.M.B & P.N.			07	
	Qty	0.50 ton.			
	@ R.	8360.33 / m ³			R. 41804.0
(14/193) P/v and laying reinforced cement concrete					
	Qty vide T.M.B & P.N.			07	
	Qty	6.74 m ³			
	@ R.	10806.19 / m ³			R. 72833.00
(15/196) Drainage Spande Complex as per drawings					
	Qty vide T.M.B & P.N.			7	
	Qty	08 Nos.			
	@ R.	770.01 / each			R. 6160.0

Continuation

Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(16/127) P.V. and Laying and Laying cement concrete.					
Qty vide T.M.B. & P.M. - 07					
Qty 1.575 m ²					
@ Rs. 16807.91/m ²					Rs. 26471.0
(17/168) Const ⁿ of C.S.R. by P.V. with graded material.					
Qty vide T.M.B. & P.N. - 08					
Qty 88.375 m ³					
@ Rs. 3966.23/m ³					Rs. 350515.0
(18/169) Const ⁿ of W.B.M. C-III					
Qty vide T.M.B. & P.N. - 08					
Qty 207.44 m ³					
@ Rs. 5360.91/m ³					Rs. 1112067.
(19/130) Cement Concrete Pavement					
Const ⁿ of Un-reinforced Plain cement concrete.					
Qty vide T.M.B. & P.M. - 09					
Qty 428.27 m ²					
@ Rs. 9994.54/m ²					Rs. 4280361

Continuation

Continuation