

Waga Ratiganj road to Dastola

Schedule XLV-Form No. 134

E. E. R. W. D. TIKARI DIVISION

Survey

A. E. R. W. D. SUB-DIVISION

SAFI

1104

MEASUREMENT BOOK

1st on 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				Content of area
	No.	L.	B.	D.	
Name of work - Ganga Kotionaj					
road to Patala					
Agency name - Shiva Infra Management Pvt. Ltd.					
Agreement No - 10/582/MMSJ(AWSESH)					
				ND 1/2024-25	
D.O. Commencement - 01/10/2024					
D.O. Completion - 02/10/2025					
to 21% below					

(1) P.V. & Fixing of workers					
Benchmarks pillars 4ab.					
per km				4m/1km	
				0.36 21km	
(2) Clearing and grubbing					
road land					
$2 \times 12 \times 30 \times 0.75$				$= 540.00m$	
$2 \times 1 \times 2.5 \times 0.75$				$= 3.00m^2$	
				543.00m	
				or, 10.05149	
(3) Construction of embankment with obtained from borrow pits.					

Continuation



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
CH	Fill Area	Mean Area	Length	@ 1 ft (width)	
0	0.54	0			
50	0.64	0.59	50		29.50
100	0.74	0.69	50		34.50
150	0.52	0.63	50		31.50
200	0.40	0.46	50		27.00
250	0.34	0.37	50		18.50
300	0.50	0.42	50		21.00
350	0.80	0.65	50		32.50
362	0.54	0.67	12		8.04
or 1000 m lead					198.84 m ³
or 100 m lead					271.58 m ³
(1) Construction of 7.5 m wide					
and earthen bank clear					

8 x 30.00 x 7.10 x 0.200	= 511.20 m ³
1 x 10.00 x 7.10 x 0.300	= 21.30 m ³
1000 m lead	= 69.27 m ³
to 100 m lead	= 463.27 m ³
	532.50 m ³

(5) Construction of 4.5 m

for BT portion

8 x 30.00 x 4.05 x 0.200	= 194.40 m ³
1 x 10.00 x 4.05 x 0.200	= 8.10 m ³
CCP portion	

3 x 30.00 x 3.75 x 0.100	= 33.75 m ³
1 x 22.00 x 3.75 x 0.100	= 8.25 m ³
	244.50 m ³

(6) P.V. laying, spreading

and compacting 4 BM hr III

12 x 30.00 x 3.75 x 0.075	= 101.25 m ³
1 x 2.00 x 3.75 x 0.075	= 0.56 m ³

(7) P.V. & Sinking for Sinking 101.81 m³

2 x 1 = 2.00

14/10/24
J.E

2/11/24
R.G

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[illegible]

Continuation

Abstract of Cost Est. A/c bill

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Setting out Hiller					
Bench mark pillar page (1)					
item (1)					
0.362 km @ Rs 4319.04/km - Rs 1569 =					
(2) Clearing and grubbing					
road Canal page (1) item (2)					
0.5414 @ Rs 75594.29/Ha - Rs 4082 =					
(3) Cost of 7 subgrade					
4/15 with material obtained					
page (2) item (3)					
(i) Land 100m					
27.26 m ² @ Rs 313.4/m ² - Rs 8580 =					
(ii) Land 100m					
71.58 m ² @ Rs 258.63/m ² - Rs 18513 =					
(4) Constn of subgrade					
7 page (2) item (4)					
(5) 50 to 100m land					
463.27 m ² @ Rs 226.04/m ² - Rs 104718 =					
(6) 1000 m land					
69.22 m ² @ Rs 313.4/m ² - Rs 21669 =					
(7) Constn of h-s B page (2)					
8/13 item (7)					
244.50 m ² @ Rs 1859.47/m ² - Rs 454640					
					Rs 643765 =

Continuation



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
			B.F		5643765=
(6/9/14) p/v. levelling spreading and compacting w/ Bm. 100 to page (2) item (6)					
101.81 m ³ @ 31.93.25/m ³					5325098=
7/28) p/v and filling, Lys @ 1 project page (2) item (2)					
			2.25		2.25
No @ 11175.07/each					522350=
					5991214=
Add @ 18% GST					5178419=
Add @ 1% L.C					5991250=
S.F					536695=
					51216238=
Lys @ 0.21% below					5255420=
					51213684=
14/11/24 JE	2/11/24 AE				

Continuation