

Measurement Book

4995 - D-K - Varnas .

SUB-DIVISION

ली

DIVISION

राजगीर

MB-NO - 1005

Schedule XLV-Form No. 134

पुनर्जाति - २२ - २२१९ फार्म

नए प्रजाति के प्रजाति प्रजाति

1st on A/c Bill

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Name of work - Construction & Maintenance of Road from					
Tin Mukani Janaro					
Road To					
Mushahani Tola Janaro.					
Agency -					
Dileep Kumar Verma					
App. No -					
17/SBD/2024-25					
PKH :-					
NDB-BRRP2-32-Rajgir					
Under MNGSY (Awasesh)					
Date of Commencement:-					
25/01/2024					
Date of Completion -					
24/01/2025					

MEASUREMENT

① Providing & Fixing Benchmarks					
Pillars.....	20	20	4L		
		1.00 NOS			1.00 NOS
② Providing & Fixing Reference Pillars					
.....	20	20	8L		
		3.00 NOS			3.00 NOS
③ Running & Fixing Road Canal					
.....	20	20	4L		
	2x	3x	30.00x3.50		630.00 m ²
	2x	3x	30.00x3.50		630.00 m ²
	2x	3x	30.00x3.50		630.00 m ²
	2x	4x	30.00x3.50		840.00 m ²
Total					
					2730.00 m ²

Continuation

17/04/25
J.F.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Construction of Embankment					
-----20-----20-----4L					
Ch.	Area		Mean area	Dis.	Volume
0	1.195				
50	3.252		2.224	50.00	111.17543
100	4.162		3.707	50.00	185.35043
150	2.924		3.543	50.00	177.15043
200	2.295		2.610	50.00	130.47543
250	2.695		2.495	50.00	124.75043
300	1.860		2.278	50.00	113.87543
350	4.118		2.989	50.00	149.45043
400	4.555		2.787	50.00	139.32543
450	2.216		1.836	50.00	91.27543
500	1.304		1.760	50.00	88.00043
550	2.466		1.885	50.00	94.25043
600	3.446		2.956	50.00	149.80043
650	1.491		2.469	50.00	123.42543
700	4.474		2.983	50.00	149.12543
					1825.92543
(2) Construction of Sub Grade					
-----20-----20-----4L					
3x	30.00x	$\frac{7.80 + 7.60}{2}$		0.30	207.9043
3x	30.00x	$\frac{7.60 + 7.30}{2}$		0.30	206.5543
8x	30.00x	$\frac{7.70 + 7.60}{2}$		0.30	138.6043 206.5543
	1x	24.00x	$\frac{7.60}{2}$	0.30	54.0043
Continuation					607.0543 675.0043

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F.				675.00 675.00
2x	30.00x	$\frac{3.60 + 3.80}{2}$	0.30		138.604 ³
					813.604 ³
⑨ Construction of C.S. B. & L					
----- 20 ----- 20 ----- 1/2					
For Box cutting	2x 3x	30.00x	0.525x	0.10	9.4504 ³
	2x 1x	28.00x	0.525x	0.10	2.4154 ³
1x 14.65x		$\frac{9.15 + 4.05}{2}$	x 0.20		19.3384 ³
	3x	30.00x	4.05x	0.20	72.9004 ³
	3x	30.00x	4.05x	0.20	72.9004 ³
	3x	30.00x	4.05x	0.20	72.9004 ³
	1x	27.40x	4.05x	0.20	22.1944 ³
	1x 30.00x	$\frac{4.05 + 3.90}{2}$	x 0.20		23.8504 ³
	1x	18.00x	4.05x	0.10	7.2904 ³
	3x	30.00x	4.05x	0.10	36.4504 ³
	1x	5.00x	3.90x	0.10	1.9504 ³
Extra Profile	8x	2.60x	1.63x	0.10	3.3904 ³
For P.C.C. Porting	1x	30.00x	3.75x	0.10	11.2504 ³
	1x	6.00x	3.75x	0.10	2.2504 ³
Box cutting	2x 3x	30.00x	0.375x	0.10	6.7504 ³
	2x 3x	30.00x	0.375x	0.10	6.7504 ³
	2x 1x	17.00x	0.375x	0.10	1.2754 ³
Extra Profile	8x	2.70x	1.30x	0.10	3.6724 ³
	6x	2.25x	2.05x	0.10	2.8084 ³
Continuation					379.7824 ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑩ Plr, Laying & Compacting WBM for 121					
-----20-----20-----GL					
1 x 14.65 x		$\frac{8.85 + 3.75}{2}$		$\times 0.075$	6.899 m ³
	3 x	30.00 x	3.75 x	0.075	25.313 m ³
	3 x	30.00 x	3.75 x	0.075	25.313 m ³
	3 x	30.00 x	3.75 x	0.075	25.313 m ³
	1 x	27.40 x	3.75 x	0.075	7.706 m ³
1 x	30.00 x	$\frac{3.75 + 3.60}{2}$		$\times 0.075$	8.269 m ³
	1 x	18.00 x	3.75 x	0.075	5.063 m ³
	9 x	30.00 x	3.75 x	0.075	25.313 m ³
	1 x	5.00 x	3.60 x	0.075	1.350 m ³
For PCC Bottom	1 x	30.00 x	3.70 x	0.075	8.325 m ³
	1 x	30.00 x	3.00 x	0.075	6.750 m ³
	1 x	1.00 x	3.10 x	0.075	0.233 m ³
	1 x	30.00 x	3.35 x	0.075	7.538 m ³
	1 x	27.15 x	3.35 x	0.075	6.821 m ³
	1 x	30.00 x	3.45 x	0.075	7.763 m ³
	1 x	20.05 x	3.75 x	0.075	5.639 m ³
	1 x	12.60 x	3.40 x	0.075	3.213 m ³
	1 x	31.00 x	3.75 x	0.075	8.438 m ³
	1 x	22.20 x	3.35 x	0.075	5.578 m ³
					164.617 m ³
					190.857 m ³
⑪ Plr & Fixing '180 of Roof' Board					
-----20-----20-----GL					
		2.00 Mts.			2.00 Mts.

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① Providing & fixing Benchmark Pillars					
-----do-----					
01.00 Nos	VTMB P-01				
	@ Rs 4463.02/Mos.				Rs 4463=
② Providing & fixing Reference Pillars					
-----do-----					
3.00 Nos	VTMB P-01				
	@ Rs 2054.15/Mos.				Rs 6162.2
③ Clearing & grubbing Road Land					
-----do-----					
0.366 Ha.	VTMB P-01				
	@ Rs 75573.34/Ha.				Rs 27660=
④ Excavation for road way					
-----do-----					
26.64 m ³	VTMB P-02				
	@ Rs 103.96/m ³				Rs 2769.2
⑤ Discontinuity of cement concrete Road					
-----do-----					
10.33 m ³	VTMB P-02				
	@ Rs 1753.86/m ³				Rs 18117=
⑥ Cons. of embankment with approved material					
-----do-----					
15.98 m ³	VTMB P-02				
	@ Rs 81.43/m ³				Rs 1302=
Continuation					Rs 60473=

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.P. -					K 60432
② Construction of Embankment					
.....20.....20.....E ₁₂					
1825.925 m ³ VTMB P-03					
@ K 196.19/m ³					K 3530642
③ Construction of Sub grade					
.....20.....20.....E ₁₂					K 2153032
813.60 m ³ VTMB P-04					
@ K 264.62/m ³					K 2153032
④ Construction of C. J. B. hr 2					
.....20.....20.....E ₁₂					
377.782 m ³ VTMB P-04					
@ K 2377.75/m ³					K 9037862
⑩ P.V. laying & Compacting WBM 4m R ₁					
.....20.....20.....E ₁₂					
190.837 m ³ VTMB P-05					
@ K 3632.67/m ³					K 6932482
⑪ Providing & fixing 'Logo of Project' Board					
.....20.....20.....E ₁₂					
2.00 Nos. VTMB P-05					
@ K 10090.61/Ms.					K 201812
					K 22510552
Below 2013 21/3/2014 Agreement					K 4574142
					K 174936412

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F.					17936412
Add 5.7.18%					3228552
Add Labour cost 1%					179362
Add Signage fee					484582
					21828902

27/04/25
J.C.

Material Statement

- ① e/w — 2639.525 m³
 ② s/Metal — 549.93 m³
 ③ 4 sand — 136.722 m³
 ④ s/screening — 45.801 m³

27/04/25
J.C.