

Macharim Karkhila road from ~~Karkhila~~<sup>Nayazhwar</sup> ~~mare~~  
to Kayichak MMGSY (Cren)

Shedule XLV Form No. 134.

E.E. R.W.D. (W) DIVISION  
GAYA

A.E. R.W.D. (W) SUB-DIVISION  
BODHGHAYA

**Measurement Book**

Gudi Kumar

2958

प्रमाणित किया जाता है कि 20 मार्च 2022 में  
मरीन द्वारा मुद्रित कुल 100 पृष्ठ अंकित हैं  
इस कार्य पुस्तक को सहायक अभियंता, सी  
अधीक्षक उपाय प्रमंडल, सीपीए कार्ग  
विभाग, कार्ग उपाय प्रमंडल, बोधगया में  
निर्दिष्ट किया जाता है।

29/9/22

कार्यपालक अभियंता  
ग्रामीण कार्य विभाग  
कार्य प्रमंडल, गया

Ranu  
29.9.20

Sch. XLV-Form No. 134

E.E. R.W.D. (W) DIVISION  
A.E. R.W.D. (W) SUB-DIVISION  
Bodhgaya

# Measurement Book

No.

Name of officer \_\_\_\_\_

Date of first entry \_\_\_\_\_

Date of last entry \_\_\_\_\_

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
3rd on A/c & final Bill				
Name of work: Const of rural road				
from Macharior Koshila				
road from Nagashun				
Move to Kajichak endamissy				
Agency: Guddia Kumari				
Agit No. <del>18/11/11/11/11/11</del>				
18/11/11/11/11/11				
Govt. - 15.05.2020				
TOC: - 14.05.2021				
Date of Measurement: 27.4.2022				

① Const of ref pillar			
1.095 Km			
② Const of counterbankment material			
obtained from borrow			
pit do do do all -			
chainage	Filling Area	Mean Area	Qty
(m)	(m <sup>2</sup> )	(m <sup>2</sup> )	(m <sup>3</sup> )
0	2.40	-	0.00
100	5.60	4.00	400.00
200	5.60	5.60	560.00
300	5.64	5.62	562.00
400	6.10	5.87	587.00
500	4.40	4.80	480.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1/i) Cost of reff & working B & R divide all vide Imp B P 14					
1.095 Km @ Rs 5319.62					
				Rs	5825.00
(2/ii) Cost of reff filling vide Imp B P 19					
1.095 Km @ Rs 3747.51					
				Rs	4104.00
(3/3) Cleaning & grinding of road (and divide) vide Imp B P 14					
0.728 Hect @ Rs 49530.51					
				Rs	35959.00
(4/8+9) Cost of cement material obtained from borrow pit divide all vide Imp B P 20					
(i) Lead upto 100m 435.07 m <sup>3</sup> @ Rs 181.87					
				Rs	79126.00
(ii) Lead upto 100m 1015.18 m <sup>3</sup> @ Rs 139.74					
				Rs	141861.00

Continuation

90 Rs 266875.00

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

B/P Rs 266875.00

(5) Cont of Subgrade & system shoulder

vide Imp BP 14 - 1584.00 m<sup>3</sup>

vide Imp BP 20 - 1066.47 m<sup>3</sup>

2650.47 m<sup>3</sup>

2650.47 m<sup>3</sup> @ D 183.51

— 15486388

(6) Cont of GSB by

well graded rounded

vide Imp BP 15 - 792.22 m<sup>3</sup>

vide Imp BP 21 - 73.11 m<sup>3</sup>

865.33 m<sup>3</sup>

865.33 m<sup>3</sup> @ D 1602.70

— 1386864

(7) ~~Cont~~ Imp, laying

spreading & compaction

Imp. Gr II to WBM

vide Imp BP 15

312.78 m<sup>3</sup> @ D 2402.51

— 12751457

(8) Dismantling of existing structure & disposal

vide Imp BP 15

(i) Cement concrete

0.78 m<sup>3</sup> @ D 470.55

353.00

(ii) Rcc:

Continuation

6.90 m<sup>3</sup> @ D 1143.81

7892

C/P Rs 2899829.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
			B/F R	2899829.00
(9/26) E/w in excavations in form trenches vide P/B P 15				
144.48 m <sup>2</sup> @ Rs 285.17				
				Rs 41201.00
(10/27) Piv fee M10 in levelling work				
vide P/B P 16				
14.96 m <sup>3</sup> @ Rs 4421.56				
				Rs 66147.00
(11/28) Piv fee M15 in form work				
vide P/B P 16				
86.20 m <sup>3</sup> @ Rs 4371.93				
				Rs 37686.00
(12/29) Piv fee M20 in sub structure work				
vide P/B P 16				
60.18 m <sup>3</sup> @ Rs 4566.51				
				Rs 274813.00
(13/36) Piv. P/F/F 1000 mm dia H.P. work				
vide P/B P 16				
15.00 m @ Rs 3413.61				
				Rs 51204.00

Continuation

C/O Rs 3710054.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIFR	3	110054.00
(14/38) Filling in form					
			vide mBP 16		
					15.27 m <sup>3</sup> @ Rs 555.50
					Rs 8482.00
(15/34) S/F/F HYSD Bar					
			reinforcement		
			vide mBP 17		
					0.651 m <sup>3</sup> @ Rs 59646.60
					Rs 38830.
(14/32) Riv Rec 2022					
			sub/sms		
			vide mBP 17		
					4.08 m <sup>3</sup> @ Rs 5451.08
					Rs 22240.00
(17/33) Riv Rec. M 25 ins/c					
			vide mBP 17		
					3.74 m <sup>3</sup> @ Rs 6270.04
					Rs 23450.00
(18/36) Riv weep hole					
			vide mBP 17		
					36 nos @ Rs 118.12
					Rs 4252.00
(19/37) S/F/F 30 mm dia HP					
			vide mBP 17		
					50.00 m <sup>2</sup> @ Rs 701.18
					Rs 35059.

Continuation

C/O Rs 3842367.00

Particulars	Details of actual measurement			Contents of area	
	No.	L.	B.		D.
			B/E 13	384	2367.00
(20/35) Back filling in form trenches detailed					
			vide PmBP 17		
			28.80m <sup>3</sup> @ Rs 819.43		
				Rs 23600.00	
(21) Pw & applying primer					
Cost detailed					
			vide PmBP 21		
			3018.75m <sup>3</sup> @ Rs 41.17		5590.00
				Rs 124282.	
(22) Pw & applying back					
Cost detailed					
			vide PmBP 21		
			3018.75m <sup>3</sup> @ Rs 14.25		5230.00
				Rs 43017.00	
(23) Pw, laying & rolling					
MSS 20mm thick					
			vide PmBP 21		
			3018.75m <sup>2</sup> @ Rs 167.84		
				Rs 506969.	
(24) Cost of unreinforced					
concrete pavement					
			vide PmBP 22		
			183.12m <sup>3</sup> @ Rs 5609.89		1027283.

Continuation

C/O Rs 5567518.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIF Re		5567518.
(25) Riv ordinary Km Stone					
			vide Tmb P22		
	03 NOS	@	M 2328.17		
				B	6985.
(26) Riv 20m Stone					
			vide Tmb P22		
	04 NOS	@	B 633.78		
				B	2535.00
(27) Riv Boundary Pillar					
			vide Tmb P22		
	20 NOS	@	D 519.10		
				B	10882.
(28) Painting Two Coats					
			vide Tmb P22		
	66.96 m <sup>2</sup>	@	1895.44		
				B	6391.00
(29) Riv & fixing MMSy Logo, Citizen & Maint Board dundo all					
			vide Tmb P22		
	03 NOS	@	M 11046.43		
				B	33139.00
(30) Riv & fixing retro-reflective					
			vide Tmb P22		
(1) 60mm Curator					

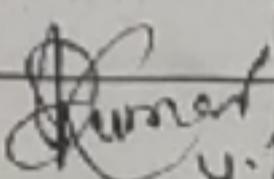
Continuation  
06 NOS @ B 4783.58 — B 28701.00

c/o Rs 5655651.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/P/Rs	565	565/00
(ii) 600mm equilateral A					
			vide ImBP 22		
10 Nos @ B		3557.91			
				R	35579.
(iii) 600mm x 450mm rectangle					
06 Nos @ B		4649.21			
				M	27895.00
(iv) 900mm side Octagon					
			vide ImBP 43		
02 Nos @ B		8339.98			
				M	16680.00
(31) PW & laying road					
marking on BTA surface					
			vide ImBP 23		
15832 m <sup>2</sup> @ M					736.00
				R	116524.00
(32) PW & laying road					
marking on ce pavement					
			vide ImBP 23		
60.00 m <sup>2</sup> @ M					748.00
				M	44880.00
				R	5897209.00
Add GST 12%			(+)	R	707665.00
Add 1% labour			(+)	R	58972.00
				R	6663846.00

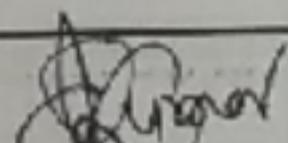
Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
		B/A	Rs 6663	846 = 00
less 10% Below (E)			6663	85 = 00
		Rs	5997	461 = 00
less already paid (E)			3579	312 = 00
upto 2nd m. A/c				
		Rs	<del>2418</del>	149.00

  
 JE 27.4.22

### Update M. Statement

- (i) E/W - 4100.72 m<sup>3</sup>
- (ii) Metal - 775.33 m<sup>3</sup> @ 458.22
- (iii) S/Dust - 423.92 m<sup>3</sup> @ 150.80
- (iv) S/Metal - 378.46 m<sup>3</sup> @ 458.22
- (v) S/Chips - 412.65 m<sup>3</sup> @ 614.17
- (vi) Sand - 158.52 m<sup>3</sup> @ 150.80
- (vii) L. Sand - 44.07 m<sup>3</sup> @ 116.85
- (viii) Erosion (SS) - 2.565 MT
- (ix) Erosion (R&I) - 0.905 MT
- (x) Bitumen - 5.735 MT

  
 JE 27.4.22