

BHARDE RI TO GLOBAL BIGHA

MMG.S.Y

2806

Schedule XLV-Form No. 134

MMGJ (GEN) 20-21

Executive Engineer R.W.D. Wane

DIVISION -

Dehagad

A.E. R.W.D. Wane

SUB-DIVISION -

Kaiko

MEASUREMENT BOOK

NO-2806

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 of					
road from Bhadseri to Gobalhiya					
Under M.M.G.S.Y.					
Name of Agency:- Rhythm construction					
C.P Thakur path-2					
Shivpuri Phulwari					
Patna, Bihar.					
Ag No B7 SBT/21-22					
Date of work order:- 28.08.2021					
Date of work completion:- 27.08.22					
Ag value:- Rs 8745639 = 00					
Rs 796594 = 00					
TOTAL Ag value Rs 9542233 = 00					
Date of Entry:- 16/12/21					
① providing & fixing					
of working bench					
mark pillar do do 1 No					
② providing & fixing of					
working reference					
pillar do do 4 No					
③ clearing & grubbing					
road Land do do					
1 x 1000.0m x 6.45m = 6450.0m ²					
ie 0.65 hectare					

16.12.21

do do

(5) Construction of G.L.B

With G.I. do do

BT portion

Nil

(6) Construction of G.L.B
With approved material
G.I. do do

P.C.C portion Nil

Entry - 2/01/22
(7) E/W Excavation in

29 Foundation do do

$$2 \times 3.9 \times 1.15 \times 1.50 = 13.45 \text{ m}^3$$

$$1 \times 5.35 \times 1.13 \times 0.365 = 2.20 \text{ m}^3$$

$$15.65 \text{ m}^3$$

(8) providing p.c.c m/s

31 do do

$$2 \times 3.9 \times 1.15 \times 0.15 = 1.34 \text{ m}^3$$

$$1 \times 5.311 \times 1.13 \times 0.250 = 1.50 \text{ m}^3$$

$$2.85 \text{ m}^3$$

(9) providing & laying
R.C.Pipe

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Continuation
 $3 \times 2.50 = 7.5 \text{ m}$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Providing R.C.C HP3					
41 Pipe Gutter do do					
	3	2.5	=	7.5 m	
(13) E/W Excavation					
29 in Foundation do do					
	2	6.45	X	1.40 X 1.50	27.09
	1	4.85	X	1.50 X 0.365	2.70
					29.79
(14) Providing R.C.C					
31 in Foundation					
do do					
	2	6.45	X	1.40 X 0.150	2.70 m ²
	1	4.93	X	1.53 X 0.250	1.88 m ²
					4.58 m ²
Less for pipe					
(15) Providing R.C.C					
22 in Substructure					
40 do do					
	2	6.15	X	0.825 X 2.25	28.18 m ²
	2	6.15	X	0.400 X 1.20	5.90 m ²
	Less	PIPE	2 X 0.985 X (1.25 X 0.622)		1.47
					30.60
(16) Providing & Laying					
42 R.C.C HP3 Pipe 1000 mm dia					
	3	2.5 m	=	7.5 m	

4/2/22

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 X 50 No	X 2.1 m	X 0.62	=	130.2 kg
	2 X 12 No	X 7.5	X 0.62	=	111.60 kg
					241.80 kg
(23)	Providing R.C.C				
33	1420 m Sub Structure				
	do do				
	2 X 7.5	X $\frac{1.3 + 0.7}{2}$	X 1.80	=	27.0 m ³
	4 X 1.9	X 0.75	X 2.15	=	12.39
					39.39 m ³
	1420 m 1.3 0.7 1.80				
(24)	Providing R.C.C				
33	1420 m C/P				
	beam & slab wall				
	do do				
	2 X 7.5	X 0.40	X 0.2	=	2.1 m ³
	2 X 7.5	X 0.40	X 0.3	=	1.80
	R/W 4 X 2.2	X 0.40	X 0.150	=	0.58
					4.43 m ³
(25)	Supplying fitting				
36	2 placing H.Y.S.D				
	bar do do				
	main bar 16 mm 60 No X 3.80 X 1.58 = 360.24				
	distribution 24 No X 7.5 X 0.89 = 160.20				
	TOP 10 No	X 7.5	X 0.62	=	46.5
	25 No	X 3.5	X 0.62	=	54.25

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) Providing & laying					
42 R.C. HP3 PIPE 100mm dia					
do do vide item 21					
18 P.M 10.5 - 7.5m					
@ Rs 3230.65/m					Rs 24230.6
					Rs 1556292.0
Less 2.75%					(-) 42798.0
					Rs 1513494.0
Less Dismount					(-) Nil
					Rs 1513494.0
					TOTAL Rs 1556292.0
Add 13% GST + 10% cess					Rs 202318.0
					121743
Add Seigniorage Fee					Rs 16917.0
					1880353.0
Less 2.75%					51710.0
					Rs 1828643.0
Aug 18.2.22					
Material statement					
Soil - 156843 x 34.81 =					54582.0
Coarse sand - 851033 x 175.80 =					14961.0
40mm - 70.21 m ³ x 494.15 =					34694.0
20mm - 69.25 m ³ x 604.91 =					41840.0
10mm - 34.45 m ³ x 668.80 =					23040.0
					169167.0
(As per BOQ) Limit					121743.0
10% of Rs 169167 =					16917.0
Aug 18.2.22					
JE					

Continuation