

प्रमाणित किया गया है कि मापी
गुल में मशीन टैकीन 100 प्लव्ड इन्च से
पहापका अतिथल, रानीरा कार्य विभाग
कार्य अगल प्रकल मनुष्य के
पदवाम ले निर्गन किया गया है


Executive Engineer
R.W.D. Pakri Division
R.W.D. Pakri Dayal
1.1.28

Sch. XLV - Form No. 134

R.W.D. PAKRIDAYAL DIVISION

R.W.D. MADHUBAN SUB-DIVISION

Measurement Book

No.

1432

Name _____

Date of first entry _____

Date of last entry _____

Name of Work-
Situation of Work- 1

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.	
	1st on A/C Bell.				
N/W:->	Constn. of road & C.D WORK				
	with five year maintenance				
	of road Ramakrish Ray				
	Home to Gauri Sankar				
	Baitha under MCHSY				
	(NDB) Awabsh.				
Agency:->	M/S Deo Brothers Constn.				
	AT- Bara Gonda P.O-Bara				
	Chakia, P.S- Chakia.				

East Champaran.					
Agreement no:-> 24 SBD/2023-24.					
D.O.S ->	30.12.2023				
D.O.C ->	29.12.2024				
D.O.M ->	30.12.2023 to 29.09.2024				
2) Clearing and grubbing road land					
- 20 - all comp. job.					
	2x	5x	30x	3.00	= 900.00 m ²
	2x	5x	30x	3.00	= 900.00 "
	2x	5x	30x	3.00	= 900.00 "
	2x	3x	30x	3.00	= 540.00 "
					3240.00 m ²
				say.	0.32 Ha

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2. > Providing and fixing benchmark pillars - do - all comp job					→ 1.00 no
3. > P/F reference pillars - do - all comp. job					→ 2.00 no
	2015/14 J.E			2017/14 A.B	
4. > E/W in excavation for foundn - do - all comp. job					
	2x	4.00	1.40	1.65	= 18.48 m ³
	1x	5.00	1.53	0.365	= 2.79 "
					21.27 m ³
5. > Providing PCC 14-15 in foundn - do - all comp. job					
	2x	4.00	1.40	0.15	= 1.68 m ³
	1x	5.807	1.53	0.25	= 2.22 "
	2x	0.275	0.25	5.807	= 0.20 "
					4.10 m ³
6. > PCC in head wall - do - all comp. job					
	2x	4.00	0.825	2.615	= 17.259 m ³
	2x	4.00	0.40	0.60	= 1.920 "
less	2	0.786	(1.23)	0.622	= 1.479 "
					17.70 m ³
7. > Providing and laying RCC pipe NP-3 - do - all comp. job					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12.) Furnishing and placing Rcc					
20 s/r. (Rcc-M25)-do-all					
comp. job.					
1x 6.20x5.30x0.42 =					13.80 m ³
4x 2.50x0.20x0.42 =					0.84 "
2x 5.70x0.616x0.78 =					5.48 "
4x 6.20x0.075x0.15 =					0.28 "
2x 6.20x0.35x2.50 =					10.85 "
1x 6.20x2.70x0.323 =					5.41 "
4x 2.50x0.30x0.40 =					1.20 "
2x 5.80x0.40x0.90 =					4.18 "
					42.04 m ³
13.) providing weep hole					
-do-all comp. job →					28.00 nos.
14.) Backfilling behind abutment					
-do-all comp. job.					
2x 5.40x0.50x2.275 =					12.29 m ³
15.) 8/L filter media with					
Gs12 do-all comp. job.					
2x 5.40x2.275x0.60 =					14.74 m ³
16.) Painting of parapet wall					
-do-all comp. job.					
2x 2.23x5.80 =					25.87 m ²
4x 0.40x0.915 =					1.47 "
					27.34 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Area	Mean	Area	Dist.	Volume.
					188.4254 ³
450	0.225	0.230		50	11.500 "
500	0.812	0.519		50	25.925 "
540	0.509	0.661		40	26.420 "
					252.274 ³
20) A) consth. of Embankment					
lead up to 1000m 20-all					
comp. job →					
					151.364 ³
20) B) consth. of Embankment					
lead up to 1000m 20-all					
comp. job →					
					100.914 ³
$\begin{array}{r} 22108.24 \\ \hline 1.6 \end{array}$ $\begin{array}{r} 22108.24 \\ \hline 1.6 \end{array}$					
21) consth. of Subgrade					
— 20 — all comp. job.					
5X	30X	5.50	X 0.300	=	247.504 ³
5X	30X	5.50	X 0.300	=	247.50 "
1X	18X	5.50	X 0.300	=	29.70 "
2X 5X	30X	1.40	X 0.200	=	84.00 "
2X 5X	30X	1.40	X 0.200	=	84.00 "
2X 2X	30X	1.40	X 0.200	=	33.60 "
2X 1X	1.70X	1.40	X 0.200	=	0.95 "
					727.254 ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22.) Excavation of roadway in soil. using Manual Means do-all comp. job.					
2x 1x 30x 0.775x 0.100 = 4.65 m ³					
2x 1x 13.7x 0.775x 0.100 = 2.12 "					
					6.77 m ³
23.) consth. of G.B. —do— all comp. job.					
8x $(\frac{7.80 + 4.05}{2}) \times 0.200 = 9.48 \text{ m}^3$					
5x 30x 4.05 x 0.200 = 121.50 "					
5x 30x 4.05 x 0.200 = 121.50 "					
1x 10x 4.05 x 0.200 = 8.10 "					
2x 1x 30x 0.775x 0.100 = 4.65 "					
2x 1x 13.7x 0.775x 0.100 = 2.12 "					
1x 30x 4.05x 0.100 = 12.15 "					
1x 8x 4.05x 0.100 = 3.24 "					
1x 5.70x $(\frac{8.00 + 4.05}{2}) \times 0.100 = 3.43 "$					
3x 30x 3.75x 0.100 = 33.75 "					
1x 10x 3.75x 0.100 = 3.75 "					
					323.67 m ³
24.) Providing, laying, spreading and compacting w.b. G.B. —do— all comp. job.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8X	$(7.80 + 3.75) \times 0.075 = 3.465 \text{ m}^3$				
	5X	30X	3.75X	0.075	42.187 "
	5X	30X	3.75X	0.075	42.187 "
	1X	10X	3.75X	0.075	2.813 "
	1X	30X	3.75X	0.075	8.438 "
	1X	8X	3.75X	0.075	2.250 "
5.70X	$(8.00 + 3.75) \times 0.075 = 2.512 \text{ m}^3$				
	3X	30X	3.75X	0.075	25.313 "
	1X	10X	3.75X	0.075	2.813 "
					131.978 m ³
	<i>For</i> <u>10/09/24</u> J.6 <i>By</i> <u>10/09/24</u> AR				

25> Const. of pcc					
— do — all comp job.					
3X	30X	3.75X	0.160		54.00
1X	10X	3.75X	0.160		6.00 "
					60.00 m ³
	<i>For</i> <u>22/09/24</u> J.6 <i>By</i> <u>22/09/24</u> AR				
26> Providing and fixing of typical					
44657					
informatory sign					
board with logo — do — all					
comp. job.					2.00 no.
	<i>For</i> <u>29/09/24</u> J.6 <i>By</i> <u>29/09/24</u> AR				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST.					
$\frac{1}{02} \rightarrow$ Clearing and grubbing road land - do - all					
comp. job.					
0.32 HA vide TMB P-01					
@ Rs. 75573.34/HA ———					Rs. 24,183=00
$\frac{2}{01} \rightarrow$ P/F Benchmark Pillar					
- do - all comp. job.					
1.00 no. vide TMB P-02					
@ Rs. 4974.13 each ———					Rs. 4974=00
$\frac{3}{01} \rightarrow$ P/F reference Pillar					
- do - all comp. job.					
2.00 no. vide TMB P-02					
@ Rs. 2332.01 each ———					Rs. 4664=00
$\frac{4}{22} \rightarrow$ E/W in excavation for bound ⁿ - do - all					
comp. job.					
21.27 m ³ vide TMB P-02					
@ Rs. 391.73/m ³ ———					Rs. 8332=00
$\frac{5}{23} \rightarrow$ Providing RCC M-15 in bound ⁿ - do - all					
comp. job.					
4.10 m ³ vide TMB P-02					
@ Rs. 8024.75/m ³ ———					Rs. 32,902=00
C.C. ———					Rs. 75,055=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F		Rs. 7	5,055=00
6/24 > RCC in head wall					
- do - all comp. job.					
17.70 m ³ vide TMB P-02					
@ Rs. 9085.60/m ³				Rs.	1,60,815=00
7/25 > P/L RCC pipe NP-3					
- do - all comp. job.					
5.00 m vide TMB P-03					
@ Rs. 7415.31/m				Rs.	37,076=00
8/26 > Painting on parapet wall					
- do - all comp. job.					
13.76 m ² vide TMB P-03					
@ Rs. 124.685/m ²				Rs.	1716=00
9/27 > Excavation for roadway					
- do - all comp. job.					
38.30 m ³ vide TMB P-03					
@ Rs. 391.73/m ³				Rs.	15003=00
10/28 > RCC in open foundation					
- do - all comp. job.					
5.456 m ³ vide TMB P-03					
@ Rs. 8024.75/m ³				Rs.	43,783=00
11/30 > Supplying, fitting and placing for steel reinforcement					
- do - all comp. job.					
4.20 ton vide TMB P-03					
@ Rs. 79987.32				Rs.	3,35,947=00
Continuation C.O					Rs. 6,69,395=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12 → Furnishing and placing 29 Rec in str. do-all comp. job.		B.F.		R.B.	69,395=00
42.04 M ³ vide TMB P-4 @Rs. 9804.35/M ³					Rs. 4,12,175=00
13 → Providing weep hole 31 do-all comp. job.					
28.00 nos vide TMB P-04 @Rs. 94.02 each				Rs.	2632=00
14 → Backfilling behind 32 Abutment do-all comp. job.					
12.29 M ³ vide TMB P-04 @Rs. 996.73/M ³				Rs.	12,250=00
15 → P/L Filler Media 33 with GSB do-all comp.					
14.74 M ³ vide TMB P-04 @Rs. 4242.70/M ³				Rs.	62,537=00
16 → Painting of Parapet wall 34 do-all comp. job.					
27.34 M ² vide TMB P-4 @Rs. 124.685/M ²				Rs.	3409=00
17 → Dismantling of existing 35 str. do-all comp. job.					
15.00 M ³ vide TMB P-05 @Rs. 319.49/M ³				Rs.	4792=00

C.O Continuation Rs. 11,67,190=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F		Rs. 11,	67,190=00
18 → Discontinuing of RLC					
37					
Slab - Do - all comp.					
3.75 M ³ wide TMB P-05					
@ Rs. 1572.99/M ³				Rs.	5924=00
19 → Drainage spur					
38					
Do - all comp. job.					
2.00 no. wide TMB P-05					
@ Rs. 972.41 each				Rs.	1944=00
20 (A) constn. of embankment					
05					
lead 100m - Do - all					
comp. job.					
151.36 M ³ wide TMB P-05					
@ Rs. 259.62/M ³				Rs.	39,296=00
20 (B) → constn. of embankment					
04					
lead 100m - Do - all comp					
job.					
100.91 M ³ wide TMB P-05					
@ Rs. 174.52/M ³				Rs.	17,611=00
21 → constn. of subgrade					
06					
Do - all comp. job.					
727.25 M ³ wide TMB P-05					
@ Rs. 264.42/M ³				Rs.	1,92,299=00
22 → Excavation of roadway					
03					
Do - all comp. job.					
6.77 M ³ wide TMB P-07					
@ Rs. 103.96/M ³				Rs.	704=00

Continuation

C.O. — Rs. 14,24,968=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F					Rs 14, 24,968=00
$\frac{23}{07}$ > constn. of 653					
- Do - all comp. job.					
323.6 > M^3 vide TMB P-07					
@ Rs. 3694.52 / M^3					Rs. 11, 95,838=00
$\frac{24}{08}$ > providing, laying,					
spreading work 6m x 11m					
- Do - all comp. job.					
131.978 M^3 vide TMB P-08					
@ Rs. 5086.24 / M^3					Rs. 6, 71,272=00
$\frac{25}{12}$ > constn. of RCC 4-30					
- Do - all comp.					
job.					

60.00 M^3 vide TMB P-08					
@ Rs. 924.18 / M^3					Rs. 5, 54,483=00
$\frac{26}{15}$ > Providing and fixing					
of typical MYSY RPS					
board with logo					
- Do - all comp. job.					
2.00 no. vide TMB P-08					
@ Rs. 11682.98 each					Rs. 23365=00
					Rs. 38,69,926=00
add @ 18% GST					Rs. 6,96,587=00
add @ 1% labour less					Rs. 38,699=00
add sign fee					Rs. 53,334=00
					Rs. 46,58,546=00
less 0.05% below					Rs. 2329=00

Continuation

Rs. 46,56,217=00

For
29/09/24
J.E

15/10/24
29/11/24
A.E