

प्रमाणित किया गया है कि मापी
गुल में मशीन टैकीन 100 प्लव इन्च से
पहले का अतिथल, रानी का विभाग
कार्य अगले प्रकल मनुष्य के
पदम ले निर्गन किया गया है


Executive Engineer
R.W.D. Pakriyal Division
R.W.D. Pakriyal
1.1.28

Sch. XLV - Form No. 134

R.W.D. PAKRIYAL DIVISION

R.W.D. MADHUBAN SUB-DIVISION

Measurement Book

No.

1432

Name _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2nd on A/c Bill.				
N/w:->	constn. of road & C.D works				
	with five year maintenance				
	of road Ramashik Rayhouse				
	to Gauri Sarkar Baitha				
	under MGSY (NDB) Awaras				
Agency:->	M/S Dev Brothers constn.				
	AT- Bara Goring P.O - Bara				
	chakra P.S- chakra.				
	East Champaran.				
Agreement no:->	24 SBD/2023-24				
D.O.S-	30.12.2023				
D.O.C->	29.12.2024				

D.O.M-> 30/09/2024 to 20/11/2024

1) constn. of subgrade &
Earthen shoulder to all
comp. job.

5x	30x	7.00x	0.300	=	315.00 y ³
5x	30x	7.00x	0.300	=	315.00 "
1x	18x	7.00x	0.300	=	37.80 "
2x	5x	30x	1.40x	0.200	= 84.00 "
2x	5x	30x	1.40x	0.200	= 84.00 "
2x	2x	30x	1.40x	0.200	= 33.60 "
2x	1x	1.70x	1.40x	0.200	= 0.95 "
2x	5x	30x	1.20x	0.075	= 27.00 "
2x	5x	30x	1.20x	0.075	= 27.00 "

Continuation

B.F = 924.35 y³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F	=	924.354 ³
2x2x30x	1.20x	0.075	=	10.80"	
2x1x1.70x	1.20x	0.075	=	0.31"	
2x3x30x	1.46x	0.100	=	26.284	
2x1x10x	1.46x	0.100	=	2.92"	
2x3x30x	1.36x	0.075	=	18.36"	
2x1x10x	1.36x	0.075	=	2.04"	
2x3x30x	1.16x	0.160	=	33.41"	
2x1x10x	1.16x	0.160	=	3.71"	
					1022.184

05/10/24

J.E

2) constⁿ of Embankment with material obtained from borrow pit - do - all comp. job.

CH	Area	Mean area	Dist	Volume
0	1.627	—	—	—
50	1.848	1.738	50	86.8754
100	1.837	1.843	50	92.125"
150	5.428	3.633	50	181.625"
200	6.600	6.014	50	300.700"
250	6.035	6.318	50	315.875"
300	5.811	5.923	50	296.150"
350	5.352	5.582	50	279.075"
400	1.809	3.581	50	179.025'
450	1.862	1.836	50	91.775"

Continuation

B.B = 1823.2254

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Area	Mean area	Diat		Volume
				B.F =	1823.225 m ³
470	2.253	2.058	20		41.150 "
					1864.375 m ³
<u>Deduction.</u>					
G.S.B	=	323.67 m ³			P-07
W.B.M	=	131.978 m ³			P-08
Subgrade	=	1022.18 m ³			P-18
P.C.C	=	60.00 m ³			P-08
Box Cutting	=	6.77 m ³			P-07
		1544.598 m ³			

$$\text{net E/w Qty} = (1864.375 - 1544.598) \text{ m}^3$$

$$= 319.777 \text{ m}^3$$

2) A) constn. of Embankment

lead up to 100m - do - all

comp. job. $\longrightarrow$ 131.87 m³

2) B) constn. of Embankment

lead up to 100m - do - all

comp. job. $\longrightarrow$ 127.91 m³

Assn

11/10/24

J.E

3) P/A Primer coat

- do - all comp. job.

4.5 P/A	tact coat			
— 20 —		all comp. job.		
		$8 \times \frac{(7.80 + 3.75)}{2} =$	46.20	4 ²
		$5 \times 30 \times 3.75 =$	562.50	"
		$5 \times 30 \times 3.75 =$	562.50	"
		$1 \times 10 \times 3.75 =$	37.50	"
		$1 \times 30 \times 3.75 =$	112.50	"
		$1 \times 8 \times 3.75 =$	30.00	"
		$5.70 \times \frac{(8.00 + 3.75)}{2} =$	33.43	"
			1384.69	4
		From		
		05/11/24		
		5.6		

Continuation

17. Road marking with hot applied thermoplastic compound on R.O.T surface Do-all comp. job.				
2X	5X	30X	0.100	= 30.00 M ²
2X	5X	30X	0.100	= 30.00 "
2X	2X	30X	0.100	= 12.00 "
2X	1X	1.70X	0.100	= 0.34 "
				<u>72.34 M²</u>
18. Road marking with hot applied thermoplastic comp. on PCC surface Do-all comp. job.				
2X	3X	30X	0.100	= 18.00 M ²
2X	1X	10X	0.100	= 2.00 "

20/11/24
T.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F			Rs. 75,055=00
$\frac{6}{24}$ PCC in head wall					
-20- all comp. job.					
17.70 m^3 vide TMB P-10					
@ Rs. 9085.60/ m^3					Rs. 1,60,815=20
$\frac{7}{25}$ P/L RCC Pipe NP-3					
-20- all comp. job.					
5.00 m^3 vide TMB P-10					
@ Rs. 7415.31/ m^3					Rs. 37,076=00
$\frac{8}{26}$ Painting on parapet wall					
-20- all comp. job.					
13.76 m^2 vide TMB P-10					
@ Rs. 124.685/ m^2					Rs. 1716=00
$\frac{9}{27}$ Excavation for roadway					
-20- all comp. job.					
38.30 m^3 vide TMB P-10					
@ Rs. 391.73/ m^3					Rs. 15,003=00
$\frac{10}{28}$ PCC in open boundry					
-20- all comp. job.					
5.456 m^3 vide TMB P-10					
@ Rs. 8024.75/ m^3					Rs. 43,783=20
$\frac{11}{30}$ Supplying, fitting and placing for steel reinforcement					
-20- all comp.					
4.20 tonn vide TMB P-10					
@ Rs. 79987.32/tonn					Rs. 3,35,947=00
C.O					Rs. 6,69,395=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F	4	6	69,395=W
12/29 > Furnishing & placing					
Rec in Afr. - do - all					
comp. job.					
42.04 M ³ vide TMB P-11					
@ Rs. 9804.35/M ³				Rs. 4,12,175=W	
13/31 > Providing weep hole					
- do - all comp. job.					
28.00 nos vide TMB P-11					
@ Rs. 94.02 each				Rs. 2632=00	
14/32 > Backfilling behind					
Abutment - do - all comp.					
job					
12.29 M ³ vide TMB P-11					
@ Rs. 996.73/M ³				Rs. 12,250=00	
15/33 > P/L Filter Media					
with GSB - do - all comp.					
14.74 M ³ vide TMB P-11					
@ Rs. 4242.70/M ³				Rs. 62,537=W	
16/34 > Laying of parapet wall					
- do - all comp. job.					
27.34 M ² vide TMB P-11					
@ Rs. 124.635/M ²				Rs. 3409=W	
17/36 > Dismantling of existing					
Afr. - do - all comp. job.					
15.00 M ³ vide TMB P-11					
@ Rs. 319.49/M ³				Rs. 4792=W	

Continuation

C.O — Rs. 11,67,190=W

Sch. XLV-Form No.134 26

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F.	Rs.	11,67	190 = W
18/37) Dismantling of RCC slab - do - all comp.					
3.75 M ³ vide TMB P-12					
@ Rs. 1579.99/M ³			Rs.	5924 = W	
19/38) Drainage Spout - do - all comp. job.					
2.00 no. vide TMB P-12					
@ Rs. 972.41 each			Rs.	1944 = 00	
20(A) 05) constn. of Embankment lead 1000 m - do - all comp. job.					
191.87 M ³ vide TMB P-19, item-2(A)					
@ Rs. 259.62/M ³			Rs.	49,813 = W	
20(B) 06) constn. of Embankment lead 100 m - do - all comp. job.					
127.91 M ³ vide TMB P-19, item-2(B)					
@ Rs. 174.52/M ³			Rs.	22,323 = W	
21/06) constn. of subgrade - do - all comp. job.					
1022.18 M ³ vide TMB P-18					
@ Rs. 264.42/M ³			Rs.	2,70,285 = W	
22/03) Excavation of roadway - do - all comp. job.					
6.77 M ³ vide TMB P-12					
@ Rs. 103.96/M ³			Rs.	704 = W	

Continuation

C.O. — Rs. 15,18,183 = W

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B.F	—	—	—	Rs. 15,18,183=00
$\frac{23}{07}$ > constn. of GSB					
— do — all comp. job.					
323.67 m ³ vide TMB P-13					
@ Rs. 3694.62/m ³ —					Rs. 11,95,838=00
$\frac{24}{08}$ > providing Laying & spreading WBM Gr III					
— do — all comp. job.					
131.978 m ³ vide TMB P-13					
@ Rs. 5086.24/m ³ —					Rs. 6,71,272=00
$\frac{25}{12}$ > constn. of PCC M-30					
— do — all comp. job.					
60.00 m ³ vide TMB P-13					
@ Rs. 9241.38/m ³ —					Rs. 5,54,483=00
$\frac{26}{15}$ > P/F of typical CH4SY					
sign board — do — all comp. job.					
4.80 nos vide TMB P-21, item-08					
@ Rs. 11682.98 each —					Rs. 46,731=00
$\frac{27}{09}$ > P/A Primer coat					
— do — all comp. job.					
1384.63 m ² vide TMB P-20, item-03					
@ Rs. 58.36/m ² —					Rs. 80,811=00
$\frac{28}{10}$ > P/A tack coat					
— do — all comp. job.					
C.O	—				Rs. 40,67,318=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F				40,6	7,318.00
1384.69 M ² vide TMB P-20, item-04					
@Rs. 19.99/M ²					Rs. 27,680.00
29/11 > Providing, laying & rolling					
20mm thick M/S do-all					
comp. job.					
1384.69 M ² vide TMB P-20, item-05					
@Rs. 266.46/M ²					Rs. 3,69,242.00
30/11 > P/F ordinary K.M					
Stone do-all comp.					
1.00 no. vide TMB P-21, item-06					
@Rs. 3188.12 each					Rs. 3188.00
31/11 > P/F 200mm stone					
do-all comp. job.					
3.00 nos. vide TMB P-21, item-07					
@Rs. 868.78 each					Rs. 2606.00
32/16 > P/F boundary pillars					
do-all comp. job.					
20.00 nos. vide TMB P-21, item-09					
@Rs. 781.85 each					Rs. 15,637.00
33/17 > 600mm equilateral triangle					
3.00 nos. vide TMB P-21, item-10					
@Rs. 3169.62 each					Rs. 9508.00
34/17 > 600mm circular					
2.00 no. vide TMB P-21, item-11					
@Rs. 4585.51 each					Rs. 9171.00

Continuation

C.O — Rs. 45,04,350.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F					Rs. 45,04,350=00
$\frac{35}{17}$ > 800 mm x 600 mm rectangular					
4.00 nos. vide TMB P-22, item-12					
@ Rs. 6781.80 each					Rs. 27,127=00
$\frac{36}{17}$ > 600 mm x 450 mm rectangular					
3.00 nos. vide TMB P-22, item-13					
@ Rs. 4440.57 each					Rs. 13,321=00
$\frac{37}{17}$ > 600 mm x 600 mm					
2.00 nos. vide TMB P-22, item-14					
@ Rs. 5443.96 each					Rs. 10,887=00
$\frac{38}{18}$ > 900 mm side Octagon					
4.00 nos. vide TMB P-22, item-15					
@ Rs. 8922.35 each					Rs. 35,689=00
$\frac{39}{20}$ > Planting of trees and their maintenance for one year - do - all comp.					
120.00 nos. vide TMB P-22, item-16					
@ Rs. 1290.07 each					Rs. 15,480=00
$\frac{40}{18}$ > Road marking on B.T Surface - do - all comp.					
72.34 m ² vide TMB P-22, item-17					
@ Rs. 829.13/m ²					Rs. 59,983=00
$\frac{41}{19}$ > Road marking on PCC Surface - do - all comp.					
20.00 m ² vide TMB P-22, item-18					
@ Rs. 860.74/m ²					Rs. 17,214=00
C.O					Rs. 46,84,051=00

