

प्रमाणित किया जाता है कि
 इस मापपत्र में कुल 100 एक
 और INDEX में है कि संख्या
 अग्रिम सामग्री का 100-
 गैर के नाम से किया गया है
 है)

Executive Engineer
 R.W.D. Works Division
 Jaunagar (A. bad)

INDEX

PAGE

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: House					
of Anurag Yadav					
To 1070					
Name of Agency: Rishav					
Shandilya S. Bipin					
Kumar A. Dharm					
Ranchi.					
Agreement No: B/SBD					
2020-2021					
Date of Commencement - 17/03/2021					
Date of Completion - 16/03/2022					
Date of Measurement - 15/03/2022					
Work done details					
(1) Setting out pillars					
Providing & Fixing					
of working					
Benchmark Pillars					
Bty 2 No.					
Reference Pillars					
Bty 6 No.					
(2) clearing and Grub-					
bing Road land etc					
do-do-eel Comp.					
2 x 5 x 30 x 350 = 1050 m ²					
2 x 7 x 30 x 350 = 1470 m ²					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2	4	30	3.50	$= 840 \text{ m}^2$
	2	5	30	3.50	$= 1050 \text{ m}^2$
	2	3	30	3.50	$= 630 \text{ m}^2$
	2	6	30	3.50	$= 1260 \text{ m}^2$
	2	8	30	3.50	$= 1680 \text{ m}^2$
	2	7	30	3.50	$= 1470 \text{ m}^2$
	2	6	30	3.50	$= 1260 \text{ m}^2$
	2	1	10	3.50	$= 70 \text{ m}^2$
					10780 m^2
					$= 1.07 \text{ Ha.}$

(3/5) Construction of emb.

- Encumment with app.
about material etc.

do-do-all complete

CH (cm)	cls Area m^2	Mean cls Area m^2	Length m	Quantity m^3
0	0.409	-	-	-
50	0.380	0.369	50	18.450
100	0.470	0.400	50	20.000
150	0.670	0.580	50	29.000
200	1.105	0.898	50	44.875
250	0.750	0.928	50	46.375
300	0.395	0.593	50	28.625
350	0.780	0.588	50	29.375
400	0.505	0.643	50	32.125
450	0.730	0.618	50	30.875
500	0.570	0.650	50	32.500

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH (m)	C/S Area m^2	Mean c/s m^2	Length m	Quantity m^3	
550	0.700	0.635	50	31.750	
600	0.565	0.633	50	31.625	
650	0.400	0.483	50	24.125	
700	1.20	0.860	50	40.000	
750	0.900	1.050	50	52.500	
800	0.780	0.840	50	42.000	
850	1.213	0.797	50	49.825	
900	0.514	0.864	50	43.175	
950	0.780	0.647	50	32.350	
1000	0.640	0.710	50	35.500	
1050	0.800	0.720	50	36.000	
1100	0.400	0.600	50	30.000	
1150	1.260	0.830	50	41.500	
1200	0.361	0.811	50	40.525	
1250	0.440	0.401	50	20.025	
1300	0.560	0.500	50	25.000	
1350	0.415	0.483	50	24.375	
1400	0.816	0.616	50	30.775	
1450	0.460	0.638	50	31.900	
1500	0.593	0.527	50	26.325	
1540	0.630	0.612	46	24.460	
Total E/W =				1025.935m ³	
Lead up to 100m					
1025.93 m ³ x 26.31%					
= 269.92 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) (6)	Lead up to 1000 m				
		1025.73	73.63%		
			= 756.01 m ³		
(5) (7)	Construction of sub-grade and earthen shoulders etc do do all comp. etc.				
		26 x 30 x	$\frac{6.82 + 7.72}{2} \times 0.200$	= 1741.19	
		1 x 20 x	$\frac{6.82 + 7.72}{2} \times 0.300$	= 43.62	
					1744.80 m ³
	Lead up to 1000 m				
		1744.80 m ³	30%		
			= 523.44 m ³		
(6) (8)	Lead up to 100 m				
		1744.80 m ³	70%		
			= 1221.36 m ³		
(7) (9)	Construction of granular sub-base etc do do all comp.				
		2 x 30 x 4.05 x	0.200	= 48.60 m ³	
		5 x 30 x 4.05 x	0.200	= 121.50 m ³	
		4 x 30 x 4.05 x	0.200	= 97.20 m ³	
		7 x 30 x 4.05 x	0.200	= 170.10 m ³	
		2 x 30 x 4.05 x	0.200	= 48.60 m ³	
		5 x 30 x 4.05 x	0.200	= 121.50 m ³	
		1 x 30 x 4.05 x	0.200	= 24.30 m ³	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1 x	20 x	4.05 x	0.200	$= 16.20 \text{ m}^3$
					648.00 m^3
	Hump pipe culvert				
	1 x 1000 mm dia 3 Nos				
($\frac{8}{24}$)	Earthwork in excavation etc do do all				
	Comp. job.				
H.W	3 x 2 x	6.45 x	1.40 x	1.50	$= 81.27 \text{ m}^3$
Below pipe	3 x 1 x	4.89 x	1.53 x	0.305	$= 8.12 \text{ m}^3$
					89.39 m^3
($\frac{9}{25}$)	Providing concrete for plain reinforced etc do do all comp				
H.W	3 x 2 x	6.45 x	1.40 x	0.150	$= 8.12$
Below pipe	3 x 1 x	4.931 x	1.53 x	0.250	$= 5.65$
					13.77 m^3
($\frac{10}{28}$)	Providing and laying Rec pipe HP 3 for culvert etc do do all comp.				
	$3 \times 3 \times 2.50 = 22.50 \text{ Rm.}$				
($\frac{11}{26}$)	Plain reinforced concrete in Sub. Structure etc do do all comp.				
H.W	3 x 2 x	6.15 x	0.825 x	3.19	$= 96.80 \text{ m}^3$
Panapot	3 x 2 x	6.15 x	0.400 x	0.600	$= 8.85 \text{ m}^3$
loss for pipe	3 x 2 x	0.7857 x	1.236 x	0.622	$= 4.43 \text{ m}^3$
					101.22 m^3

15/03/2022 Continuation
 AE

Abstract of Cost

6

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & Fixing of working Benchmarks Pillars					
2 Nos (vide TMBP-1)					
@ Rs 357=02					Rs 7014=04
Reference Pillars					
6 Nos (vide TMBP-1)					
@ Rs 1596=56					Rs 9579=36
(2) Clearing and Grubbing Road land etc					
do-do. all Comp.					
1.07 Hec (vide TMBP-2)					
@ Rs 52,766=772					Rs 56674=32
(3) Construction of embankment with approved material etc					
do-do all Comp.					
load up to 100 m					
269.92 m ³ (vide TMBP-3)					
@ Rs 142=26					Rs 38398=81
(4) load up to 1000 m					
756.01 m ³ (vide TMBP-4)					
@ Rs 187=92					Rs 142067=39
(5) Construction of Sub-grade and earthen Shoulders etc do-do.					
all Comp.					
					Rs 253735=99

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Lead up to 100 m			
523.44 m ³ (vide TMBP-4)					
	@ Rs 189 = 56			Rs 99223 = 28	
($\frac{6}{9}$) Lead up to 100 m					
1221.36 m ³ (vide TMBP-4)					
	@ Rs 154 = 29			Rs 188443 = 63	
($\frac{7}{9}$) Construction of gra-					
-nuler sub. base etc					
do-do-all comp. job					
648.00 m ³ (vide TMBP-5)					
	@ Rs 1943 = 49			Rs 1259391 = 51	
($\frac{8}{24}$) Earthwork in exca-					
-vation etc do do					
all comp. job.					
89.39 m ³ (vide TMBP-5)					
	@ Rs 279 = 09			Rs 24947 = 85	
($\frac{9}{25}$) Providing concrete					
for plain reinforced					
etc do-do-all comp.					
13.77 m ³ (vide TMBP-5)					
	@ Rs 4235 = 79			Rs 59319 = 94	
($\frac{10}{28}$) Providing and laying					
Rcc pipe HP3 for culvert					
etc do-do-all comp.					
22.50 m (vide TMBP-5)					
	@ Rs 4034 = 47			Rs 90775 = 57	
($\frac{11}{26}$) Plain reinforced cement					
				Rs 1774827 = 78	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Concrete in Sub-struct -					
- use etc do do - all					
Comp. job.					
101.22 m ³ (vide TMBP. 5)					
Q R 4948 = 49					R 500336-15
					R 2475714-
Add 12% G.S.T					R 297085=-
1% L.C.S.S.					R 24757=-
S.F					R 40584=-
					R 28,39,140=-
Below 12.60% B.W.					357606=-
					R 24,30,534=-

Signature
15/03/2022
JL

Signature
15.03.22
AE

Material Statement

$$E/W = 2770.73 \text{ m}^3$$

$$\text{Stone chips} = 725.57 \text{ m}^3$$

$$\text{Coarse Sand} = 343.34 \text{ m}^3$$

Signature
15/03/2022
JL

Signature
15.03.22
AE

Continuation