

Sai Shiv Construction.
Agao- 55 (SBD)/2024

Pragati Road Dehridi to Bamarchuan to

Schedule XIV-Form No. 134

Hand - mm 45/85

R. W. D. 25m

DIVISION

R. W. D. 25m

SUB-DIVISION

MEASUREMENT BOOK

- 2769

2769

1st on A/c bill

1.

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 measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
n/w:- PMGSY Road Dehradun					
to Banarharwar					
Agency:- Sai Shiv Construction					
on PVT. LTD via- Angra					
Partner, PO + PS Sonu Dist-					
Jamun					
Agreement No:- 55(SBD)/2020-21					
Date of commencement:- 22-08-2020					
Date of completion:- 21-08-2021					

Measurement

① providing and fixing of working benchmark pillars do-do all points to b — 1.84km

② Clearing and grubbing Road land.

$$1 \times 5 \times 30.00 \times 3.50 = 525.00 \text{ m}^2$$

$$1 \times 4 \times 30.00 \times 3.50 = 420.00 \text{ m}^2$$

$$1 \times 3 \times 30.00 \times 3.50 = 315.00 \text{ m}^2$$

$$1 \times 4 \times 30.00 \times 3.50 = 420.00 \text{ m}^2$$

$$1 \times 5 \times 30.00 \times 3.50 = 525.00 \text{ m}^2$$

$$1 \times 6 \times 30.00 \times 3.50 = 630.00 \text{ m}^2$$

$$1 \times 7 \times 30.00 \times 3.50 = 735 \text{ m}^2$$

$$1 \times 2 \times 30.00 \times 3.50 = 210.00 \text{ m}^2$$

$$1 \times 1 \times 30.00 \times 3.50 = 105.00 \text{ m}^2$$

$$1 \times 1 \times 10.00 \times 3.50 = 35.00 \text{ m}^2$$

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x6	x 30.00	x	3.50	= 6	30.00 m ²
1x7	x 30.00	x	3.50	= 7	35.00 m ²
1x4	x 30.00	x	3.50	= 4	20.00 m ²
1x5	x 30.00	x	3.50	= 5	25.00 m ²
1x2	x 30.00	x	3.50	= 2	10.00 m ²
				= 6	900.00 m ²
				844	= 0.64 Ha

③ construction of Embankment

with material obtained from

borrow pit do do all computer

S. No.	CH.	Dist.	Area	Mean Area	Volume.
1	0	0.00	0.00	0.00	0.00
2	50	0.00	0.00	0.00	0.00

3	100	0.00	0.00	0.00	0.00
4	150	0.00	0.00	0.00	0.00
5	200	0.00	0.00	0.00	0.00
6	250	0.00	0.00	0.00	0.00
7	300	0.00	0.00	0.00	0.00
8	350	0.00	0.00	0.00	0.00
9	400	0.00	0.00	0.00	0.00
10	450	0.00	0.00	0.00	0.00
11	500	0.00	0.00	0.00	0.00
12	550	0.00	0.00	0.00	0.00
13	600	0.00	0.00	0.00	0.00
14	650	0.00	0.00	0.00	0.00
15	700	0.00	0.00	0.00	0.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16	750	0	0.00	0.00	0.00
17	800	0	0.00	0.00	0.00
18	850	0	0.00	0.00	0.00
19	900	40	0.745 0.00	0.373 0.00	14.900 0.00
20	950	50	0.830	0.813	40.625
21	1000	50	0.755	0.818	40.875
22	1050	50	0.655	0.705	35.250
23	1100	50	0.850	0.753	37.625
24	1150	50	0.715	0.783	39.125
25	1200	50	0.655	0.685	34.250
26	1250	50	0.845	0.780	37.500
27	1300	50	0.950	0.898	44.875
28	1350	50	0.910	0.930	46.500
29	1400	50	0.922	0.916	45.788
30	1450	50	0.845	0.883	44.163
31	1500	50	0.885	0.865	43.250
32	1550	50	0.825	0.855	42.750
33	1600	50	0.922	0.874	43.675
34	1650	50	0.850	0.886	44.300
35	1700	50	0.965	0.908	45.375
36	1700	50	0.845	0.905	45.250
37	1800 1750	50	0.755	0.800	40.000
38	1850	50	0.845	0.800	40.000
39	1900	50	0.750	0.798	39.875
40	1950	50	0.845	0.798	39.875
41	200 1950	50	0.755	0.800	40.000
42	2050	50	0.950	0.853	42.625

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
43	2100	50	0.880	0.915	45.750
44	2150	50	0.920	0.900	45.00
45	2200	50	0.912	0.916	45.800
46	2250 2500	50	0.813	0.862	43.113
47	2300	50	0.745	0.729	38.938
48	2350	50	0.650	0.698	34.938
49	2400	50	0.745	0.698	34.875
50	2450	50	0.990	0.868	43.375
51	2500	50	0.785	0.888	44.375
52	2550	50	0.650	0.718	35.875
53	2600	50	0.550	0.600	30.00
54	2650	50	0.450	0.500	25.00
55	2700	50	0.513	0.481	24.063

$$Qty = 14 \quad 59.487 \text{ m}^3$$

(a) for 1000 m lead 15% = 218.92 m³

(b) for 100 m lead 85% = 1240.56 m³

④ Construction of Earthwork

Shoulder and sub grade

do-do all complete work.

$$5 \times 30.00 \times \frac{8.20 + 7.60}{2} \times 0.30 = 355.5 \text{ m}^3$$

$$4 \times 30.00 \times \frac{8.30 + 7.70}{2} \times 0.30 = 288.00 \text{ m}^3$$

$$2 \times 30.00 \times \frac{8.20 + 7.60}{2} \times 0.30 = 142.20 \text{ m}^3$$

$$4 \times 30.00 \times \frac{8.10 + 7.50}{2} \times 0.30 = 280.80 \text{ m}^3$$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) plain Reinforced cement concrete (M-20) do-do all complete job.					
H.W 2x 6.150 x 0.875 x 3.180 =					32.269
Parapet 2x 6.150 x 0.400 x 1.00 =					4.920
less for pipe 2x 0.785 x 1.230 ² x 0.62 =					-1.478
				= 3	5.71 m ³
				4x 35.711 =	142.840 m ³
(11) providing and laying R.C pipe WP-3 culvert. do-do all complete job.					
				3x 2.50 =	7.50 m
				4 x 7.50 =	30.00 m
(12) painting on parapet wall do-do all complete job.					
Top 2x 6.150 x 0.400 =					4.920
Side 4x 6.150 x 0.600 =					14.760
Front 4x 0.400 x 0.600 =					0.960
				=	20.640 m ²
				4 x 20.640 =	82.56 m ²
Sig				Ajay Kumar	
8/6/2021				31/6/21	
J.E				Ac	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1) providing and fixing of working benchmark					
Qty	vide item	No-	1		
P.No-1	T.M.	B=	1.84 km		
@ 329	23=	W/km		Rs	60578=0
cleaning and grubbing					
Road land do-do all comp.					
Qty	vide item	No-	2		
P.No-1	T.M.	B=	0.64 Ha		
@ 51133	=	760/Ha		Rs	32726=0
construction of Embank. with material obtained from borrow pits do-do all complete job.					
Qty	vide item	No-	3a		
P.No-4	T.M.	B=	218.92 m ³		3835
@ 175	=	220/m ³		Rs	38359=0
construction of Embank. with material obtained. do-do all complete job.					
Qty	vide item	No-	3b		
P.No 4	T.M.	B=	1240.56 m ³		
@ 135	=	120/m ³		Rs	167624=0

Continuation

→ Rs 299287=0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(A) Construction of sub grade and earthen shoulder			Rf—Rg		29928720
do-do all comp work.					
Qty vide item no- 4					
P. no-4 T.M. B=3			603.6 m ³		
@ 176 = 860/m ³				Rg	63733320
(S) Construction of G.S.R					
Gr-1 do-do all comp.					
Qty vide item no- 5					
P. no-6 T.M. B=			1259.874 m ³		
@ 1650 = 380/m ³				Rg	20792110
(B) Construction of G.S. R.					
Gr-1 do-do all comp.					

Qty vide item no- 6					
P. no-7 T.M. B=1			13.63 m ³		
@ 1650 = 380/m ³				Rg	18753320

(7) providing and fixing of typical mm GSY					
informatory Sign board.					
Qty vide item no- 7					
@ P. no 7 T.M. B= 3.00 No.					
@ 9338 = 560/m ³				Rg	28016200

(8) Earth work in extra...					
do-do all comp job.					
Qty vide item no 8					
P. no 7 T.M. B=1			9.190 m ³		
@ 294 = 730/m ³				Rg	35129200

Continuation

→ Rg 326656920

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Rs		Rs	3266569=
9/32 providing mix (peel:2.55) as levelling in foundation do-do all complete job.					
Qty vide item no- 9					
P.No- 7 T.M.B = 18.380					
@ 491 72110/m ³ — Rs					9037620
10/33 plain / Reinforced concrete do-do all complete job.					
Qty vide item no- 10					
P.No- 8 T.M.B = 142.840 m ³					
@ 60 60 = 670/m ³ — Rs					86570620
11/34 providing and laying Rce pipe WP 3 do-do all complete job.					
Qty vide item no- 11					
P.No- 8 T.M.B = 30.00 m					
@ 3417.880/m — Rs					102536=
12/35 painting on plaster wall (Black & white) do-do all complete job.					
Qty vide item no- 12					
P.No- 8 T.M.B = 82.56 m ²					
@ 97 = 190/m ² — Rs					802420

Continuation

→ Rs 4333211=

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