

A. K. Construction.
Ag No. 21 (SBD) / 2020-21

N/W - 29th P.W.D 27th April 2021 - 18
Kharwa-Sano (P.W.D) Road to Shobha (S.S. 18) Road
Schedule XLV-Form No. 134
Agreement No. 21 (SBD) / 2020-21
Agency - A.K. Construction, Head-M/15/1955
R. U. D (W) Jambha
DIVISION

Kharwa.

SUB-DIVISION

MEASUREMENT BOOK

-2811

2811

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.	
	1st	on	A/c	B.11	
N/W: Khairi					
road to Shobakhan.					
length :-	1260m.				
Agency: A.K. Construction.					
Agreement value :-	6501			333/-	
Agreement no. :-	21(SBD)			2020-21	
Date of start :-	21/07			2020.	
Date of completion :-	25/21			2021.	
	8/12/2021, 10/2/2022, 15/02/2022, 11/02/21.				

18/11/21, 5/2/21.					
Date of measurement :-	28/9/2021				
Completion :-	21/7/2021				
Ag value. Const. cost :-	21-7-21.				
Date of entry :-	10/2/2021			1181.000/-	
				6501333/-	

① clearing and grubbing road

Land do. do. etc see map					
0 to 150	NW	CH.	W	5m.	
↓	5x	30x	3.5	= 525m ²	
270	4x	30x	3.5	= 420m ²	
420	5x	30x	3.5	= 525m ²	
510	3x	30x	3.5	= 315m ²	
660	5x	30x	3.5	= 525m ²	
780	4x	30x	3.5	= 420m ²	
930	5x	30x	3.5	= 525m ²	

3255m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			6.1	—	3255m ²
1020	3x	30x	3.5	=	315m ²
1170	5x	30x	3.5	=	525m ²
1260	3x	30x	3.5	23	15m ²
					4410m ²
				0.44144	
	Proved			0.44144	

② Cost of embankment
with material obtained
from borrow pit and 100m.
lead do. do. etc. etc.
Cont. etc.

SL.	CH. Distance	Ave. Area	Mean Area	Length	Volume
1.	0	0.000	—	—	—
2.	100	1.000	0.500	x 100.0	= 50.00m ³
3.	200	1.366	1.183	x 100	= 118.30m ³
4.	300	1.000	1.183	x 100	= 118.30m ³
5.	400	1.600	1.300	x 100	= 130.00m ³
6.	500	1.600	1.600	x 100	= 160.00m ³
7.	600	1.19	1.395	x 100	= 139.50m ³
8.	700	1.183	1.183	x 100	= 118.30m ³
9.	800	1.000	1.092	x 100.0	= 109.20m ³
10.	900	2.366	1.683	x 100.0	= 168.30m ³
11.	1000	2.366	2.366	x 100	= 236.60m ³
12.	1100	2.333	2.35	x 100	= 235.00m ³
13.	1200	2.033	2.183	x 100	= 218.30m ³
14.	1260	1.300	1.667	x 100	= 166.70m ³

Continuation

1968.9m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ providing G.S.B with welded material do.. do.. etc etc Comp. etc					
Distance	No.	Ch.	W.	H.	Vol.
10	1x	10x	4.42	x 0.2	= 8.84m ³
100	3x	30x	4.05	x 0.2	= 22.9m ³
130	2x	15x	4.42	x 0.2	= 26.52m ³
220	3x	30x	4.05	x 0.2	= 22.9m ³
250	2x	15x	4.42	x 0.2	= 26.52m ³
340	3x	30x	4.05	x 0.2	= 22.9m ³
370	2x	15x	4.42	x 0.2	= 26.52m ³
520	5x	30x	4.05	x 0.2	= 121.5m ³
550	2x	15x	4.42	x 0.2	= 26.52m ³
700	5x	30x	4.05	x 0.2	= 121.5m ³
790	3x	30x	4.05	x 0.2	= 22.9m ³
940	5x	30x	4.05	x 0.2	= 121.5m ³
1060	4x	30x	4.05	x 0.2	= 97.2m ³
1150	3x	30x	4.05	x 0.2	= 22.9m ³
1240	3x	30x	4.05	x 0.2	= 22.9m ³
1260	1x	20x	4.05	x 0.2	= 16.2m ³
					1030.22m ³
curro Detail					
4.42 = $\frac{4.05 + 5.16 + 4.05}{3}$					
		3			
		Prepared			
		21/02/2024			
		20			

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ providing WBM Gr 3.					
By Mechanical means do..					
do.. etc etc comp. job.					
Distance	No.	CH.	W	th	Vol.
10	10x	1x	4.42	x 0.075	23.318
70	2x	30x	3.75	x 0.075	216.875
115	2x	15x	4.57	x 0.075	215.423
175	2x	30x	3.75	x 0.075	216.875
220	3x	15x	4.57	x 0.075	215.423
310	3x	30x	3.75	x 0.075	225.312
355	3x	15x	4.57	x 0.075	215.423
505	5x	30x	3.75	x 0.075	242.187
550	3x	15x	4.57	x 0.075	215.423

700	5x	30x	3.75	x 0.075	242.187
780	3x	30x	3.75	x 0.075	225.312
940	5x	30x	3.75	x 0.075	242.187
1060	4x	30x	3.75	x 0.075	233.75
1150	3x	30x	3.75	x 0.075	225.312
1240	3x	30x	3.75	x 0.075	225.312
1260	1x	20x	3.75	x 0.075	25.625
					365.747

work credit for

extra value

extra detail

@ 357.92

3.75 + 6.21 + 3.75

357.92

4.57 = 3

4.42 = 3.75 + 5.06 + 3.75

3

25/02/2024

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Arrangement Conduit;— providing cable duct across the road do... do... do all Comp. job,					
5 Nos x 4.5 = 22.5m.					
Prepared 29/2/2024 P.E					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT of Bill</u>					
① $\frac{1}{2}$ clearing and grubbing road land.					
vide page no ② item No. ①					
Qty. 20.440 m ² .					
@ Rs 1133.76/m ²					
					Rs 22,498.2
② $\frac{2}{4}$ Contn. of Embankment with material from borrow pit.					
vide page no. ③ item No. ②					
Qty = 572.74 m ³					
@ Rs 135.12/m ³					Rs 77,388.2
③ $\frac{3}{8,5}$ Earthen Shoulder & Subgrade Contn.					
④ $\frac{A}{6}$ Subgrade					
vide page no. ③ item No. ③					
Qty = 2948.4 m ³ .					
@ Rs 176.86/m ³					
					Rs 5,21,484.2
⑤ $\frac{B}{5}$ Earthen Shoulder.					
vide page no ④ item no					
Qty = 750.36 m ³ ③					
@ Rs 176.86/m ³					
					Rs 1,32,864.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ G.S.B					
wide page no ⑤ item no ④					
Qty 210	30.22m ³				
@ 1578.88/m ³					
					R 16,26,233=
⑤ W.B.M. G.S. 3					
wide page no ⑥ item no ⑤					
Qty = 387.92m ³					
@ 2068.88/m ³					
					R 7,40,822=
⑥ Araspur Hua Conduit.					
wide page no ⑦ item no ⑥					
Qty = 37.5m.					
@ 1584.78/m					
					R 59,428=
					R 31,80,638=
Add 12% G.S.T R 38,16,76=					
Add 1% lab chrg R 31,80,638=					
					R 35,24,120=
Less 10% fat below R 35,24,120=					
					R 32,34,708=
Cudg					
17/12/22					
Proposed					
10/2/2024					
24					
					R 32,34,700=