

Somar-kharwar House to Suraj Murmur House -
Makarmani Road in Khairat

Head-MM 1954/50

Measurement Book

Schedule XLV-Form No. 134

R. W D (w) Jany

DIVISION

Khairat

SUB-DIVISION

Abhjit Kumar Singh
Agro. 17 (SBD) / 201-22

MB - 2939.

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).

Details of actual measurement					
Particulars	No.	L.	B.	D.	Contents of area
Name of work - Construction of Road from					
Somar Kharmar House to Suraj Munmur					
House Markasmani 1.95 KM					
Agreement No - 17 (SBD)/2021-22					
Agency - Sri Abhijit Kumar Singh, At Shivandih					
Kalyanpur, P.O. & P.S. + Dist - Jamsai					
Date of commencement of work - 07/10/2021					
Date of completion of work - 08/10/2021					
Agg Construction cost ₹ 91,55,794/-					

Agg. Maintenance cost ₹ 19,47,246/-
 ₹ 1,11,03,040/-

Date of Recond measurement - 08/01/22, 15/01/22
 23/01/22

Description of item

① Providing and fixing of working bench
 mark Pillar & reference Pillar - do - do
 all complete job.

1.950 km

② Clearing and Grubbing Road Land including
 uprooting wild vegetation, grass, bushes
 - do - do - all complete job

Part A

1 X 10 X 30.00 X 3.50 = 1050.00 M²1 X 10 X 30.00 X 3.50 = 1050.00 M²Qty 2100.00 M²

Continuation

Particulars	Details of actual measurement				Contents of area volume (M ³)
	No. Ch.	L. Area	B. Area	D. Dist	
SL. No					
Part B					
1	0	0.760 0.850	—	—	—
2	100	0.790	0.775	100	77.50 M ³
3	200	0.700	0.745	100	74.50 M ³
4	300	0.700	0.700	100	70.00 M ³
5	400	0.710	0.705	100	70.50 M ³
6	500	0.800	0.755	100	75.00 75.50 M ³
7	600	1.120	1.210	100	121.00 M ³
8	700	0.800	1.210	100	121.00 M ³
9	750	0.660	0.730	50	36.50 M ³
					Qty 646.50 M ³
					for Qty A+B = 1277.00 M ³
					+ 646.50 M ³
					Qty 1923.50
					For 10% H lead = 1924.00 M ³

④ Construction of subgrade and earthwork shoulder with approved material obtained from — do — do — all complete job as per E/I.

10 X 30 X	7.80 X 0.300	= 702.00 M ³
10 X 30 X	7.80 X 0.300	= 702.00 M ³
10 X 30 X	7.80 X 0.300	= 702.00 M ³
5 X 30 X	$\frac{7.00 + 7.80}{2} \times 0.30$	= 348.75 M ³
5 X 30 X	7.80 X 0.300	= 351.00 M ³
5 X 30 X	$\frac{7.50 + 7.80}{2} \times 0.30$	= 344.25 M ³
5 X 30 X	$\frac{7.10 + 7.80}{2} \times 0.30$	= 326.25 M ³
5 X 30 X	7.80 X 0.300	= 351.00 M ³
2 X 30 X	$\frac{7.20 + 7.40}{2} \times 0.30$	= 131.40 M ³
5 X 30 X	7.80 X 0.300	= 351.00 M ³
2 X 30 X	$\frac{7.00 + 7.20}{2} \times 0.30$	= 127.80 M ³

Continuation
1 X 30 X 7.00 X 0.300 = 63.00 M³

Qty = 4500.45 M³

24/6
08/01/22
J-E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ construction of granular Sub base by providing well graded material spreading in uniform layer - do - do - all complete job as per B/L					
Part A	1 x 15 x	$\frac{8.40 + 4.35}{2}$		x 0.20 =	19.13 M ³
	10 x 30 x	4.05		x 0.20 =	243.00 M ³
	5 x 30 x	4.05		x 0.20 =	243.00 121.50 M ³
	5 x 30 x	4.05		x 0.20 =	121.50 M ³
	1 x 15 x	$\frac{4.20 + 4.90 + 4.30}{3}$		x 0.20 =	13.40 M ³
	10 x 30 x	4.05		x 0.20 =	243.00 M ³
	5 x 30 x	4.05		x 0.20 =	121.50 M ³
	4 x 30 x	4.05		x 0.20 =	97.20 M ³
	A = Qty				980.23 M ³
Part B	1 x 15 x	$\frac{6.60 + 4.20}{2}$		x 0.20 =	16.35 M ³
	10 x 30 x	4.05		x 0.20 =	243.00 M ³
	4 x 30 x	4.05		x 0.20 =	97.20 M ³
	1 x 15 x	$\frac{4.55 + 6.00 + 4.45}{3}$		x 0.20 =	15.00 M ³
	5 x 30 x	4.05		x 0.20 =	121.50 M ³
	5 x 30 x	4.05		x 0.20 =	121.50 M ³
	B = Qty				614.55 M ³
	Total Qty = A + B				
					= 980.23 M ³ + 614.55 M ³
					= 1594.78 M ³
⑥ providing and laying of R.C pipe duct 300 mm dia across - do - do - all the complete job.					
	8 x	7.50		14 =	60.00 M ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/5) construction of subgrade & earthen shoulder with approved material - do - do - all complete job					R/A-381735=00
Qty vide Page No (3) in TMB					
Item No (4)					
		4500.45M ²			
@ 192=13/M ²					Rs 8,64,671=00
(5/6) construction of granular sub base cr. II - do - do - all complete job					
Qty vide Page No (4) in TMB					
Item No (5)					
		1594.78M ²			
@ 1650=84/M ²					Rs 26,32,727.200
(6/17) P.V. and laying of a R.C.C pipe duct, 300mm dia across the road					
Qty vide Page No (4) in TMB					
Item No (6)					
		60 Mtr			
@ 1589=54/Mtr					Rs 9,53,72=00
(7/24) P.V. and fixing of typical HMC 154 information sign board with Logo board - do - do - all complete job					
Qty vide Page No (5) in TMB					
Item No (7)					
		2 No			
@ 9187=20/No					Rs 1,83,74=00
					Rs 39,92,879=00
Add C.S. 7 @ 124.00					Rs 4,79,145=00
Add C.Less @ 1-1/2 @					Rs 39,929=00
					Rs 45,11,953=00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BIA RS-45,19,53=00
Add Saignioron fee @				(+)	11,5,675=00
10% Construction cost					RS-46,27,628=00
Less - 18.99% Per Agreement				(-)	RS-87,87,87=00
					RS-37,48,841=00
Drup to 23/01/2022 J.E					
Cand 1/2/22					

Material statementE/W - 1.25 X 6424.45 M³

C.S-B 9.5

Stone Metal

53MM to 9.5MM - 958.00 M³@ 620.62/M³9.5MM to 2.36MM - 383.80 M³@ 514.58/M³2.36MM below - 575.00 M³

(C. Sand)

@ 175.80/M³Drup to
23/01/22
J.E

Continuation