

Name of work — Sirdala Hisua Road To Takliya
yadan Tolga.

Schedule XLV-Form No. 134

Agency — Sai Samjeel Kumbhar

DIVISION

Sirdala/g

SUB-DIVISION

Measurement Book

M.B. No - 1197

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 Bill				
Name of work:-	Construction of road from Sindala - Hissu road to Takpa yadar tola under mmgsy.				
Agency:-	Sri Sanjeet Kumar, vill- Samai, P.S. Muffakul, Nawada.				
Ag. No.	46/SBD/mmgsy/2020-21				
Date of commencement	22.9.2020				
Date of completion as per Ag.	21.6.21				
Date of entry:	20.10.20				
Sl No. 1/1	Providing and fixing working Benchmark				
	----- Ach. No. 1 No.				
Sl No. 2/2	Providing and fixing reference pillar				
	----- Ach. No. 1 No.				
Sl No. 3/3	Clearing and grubbing road land				
	10x30.00x4.0 M = 1200.00m ²				
	= 0.12 H				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21 No. 4/4, 5. Construction of					
embankment with					
--- --- ---					
Chairs:	C/S Area	Measure	Length	Qty	
(m)	(m ²)	(m ²)	(m)	(m ³)	
0 -	0.34	-	-	-	
100 -	0.32	-	0.33 x 100.0 =	33.00 m ³	
200 -	0.36	-	0.34 x 100.0 =	34.00 m ³	
300 -	0.34	-	0.35 x 100.0 =	35.00 m ³	
				102.0 m ³	
(i) For 1000m length:					
	0.60 x 102.0 m ³		=	61.20 m ³	
(ii) For 100 m length:					
	0.40 x 102.0 m ³		=	40.80 m ³	
22 No. 5/6. Construction of					
Subgrade in cut:					
	5 x 30.00 x 5.00 x 0.30 =			225.0 m ³	
	5 x 30.00 x 5.00 x 0.30 =			225.0 m ³	
				450.0 m ³	
23 No. 6/15 Providing and					
fixing Typical					

Continuation

Sch. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/10/21. Providing					
--- deck					2.120
21/10/21. Providing					
for structure					
--- deck					
H/W.	2x	2.60	1.15	1.50	12.42m ³
Bottom Pipe.	1x	2.85	1.13	0.36	1.18m ³
					13.60m ³
21/10/21. Providing					
--- in					
--- deck					
H/W.	2x	2.60	1.15	0.15	1.26m ³
	1x	2.85	1.13	0.25	0.81m ³
					2.07m ³
21/10/21. Providing					
in substructure					
--- deck					
H/W.	2x	3.30	0.70	2.78	12.84m ³
	2x	3.30	0.40	0.60	1.58m ³
					14.42m ³
Loss for pipe	2x	$(0.83)^2$		0.53	0.57m ³
					13.85m ³
21/10/21. Providing					
--- Rect 11/2 boom					
dia Pipe	---				1.5

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Vol. 13/13. Construction of					
cement concrete					
Pavement					
5x30.0x3.75x0.16					90.00 m ³
Add 1% for extra					
widening at curve					0.90 m ³
					90.90 m ³
Sum of					
20.6.21					
80					

Material Statement

(i) Earth	552.0 m ³
(ii) GSB Material	= 150.81 m ³
(iii) (W.B.M. G.M.) Stone mtd. g.m.	= 103.12 m ³
(iv) Stone Screening	= 20.45 m ³
(v) Stone chips	96.14 m ³
(vi) Coarse Sand	= 112.70 m ³

S.F.

(i) Earth	552.0 m ³ @ Rs 34.78/m ³	Rs 19199.00
(ii) GSB	179.53 m ³ @ 462.86/m ³	Rs 83097.00
(iii) W.B.M. G.M.	85.22 m ³ @ 637.37/m ³	Rs 54317.00
(iv) PCC M15	2.07 m ³ @ 527.00/m ³	Rs 1091.00
(v) PCC M20	13.85 m ³ @ 536.00/m ³	Rs 7424.00
(vi) CCP	90.90 m ³ @ 543.19/m ³	Rs 49376.00

Rs 214504.00
 = Rs 21450/-

10% S.F.

Continuation

~~Sum of~~
~~20.6.21~~
 75

③
 17/6/21
 AG

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Abstract of Post				
Sl No. 1/1	Providing and fixing working Benchmark				
	----- tech spec				
	V.T.M.B.P. 1				
1 NO.	@ Rs 4021.75 each Rs 4022.00				
Sl No. 2/2	Providing and fixing reference pillar-----				
	V.T.M.B.P. 1				
1 NO.	@ Rs 1817.00 each Rs 1817.00				
Sl No. 3/3	Clearing and grubbing road land-----				
	tech. spec.				
	V.T.M.B.P. 1				
0.12 H	@ Rs 5133.76/H Rs 6136.00				
Sl No. 4/4, 5	Construction of embankment-----				
	----- tech. spec.				
	V.T.M.B.P. 2.				
(i) for 1000 m load :-					
61.20 m ³	@ Rs 188.05/m ³ Rs 11509.00				
(ii) for 100 m load :-					
40.80 m ³	@ Rs 142.17/m ³ Rs 5801.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 No 5/6. Construction of Subgrade --- --- depth. spec.					
V.T.M. B.P. 2					
450.0 m ³ @ R 189.89/m ³ R 85451.2					
24 No. 6/7. Construction of granular Subbase --- --- depth. spec.					
V.T.M. B.P. 4					
179.53 m ³ @ R 1807.24/m ³ R 324454.2					
24 No. 7/8. W.B.M. Guling --- Providing, laying					
--- depth. spec.					
V.T.M. B.P. 4					
85.22 m ³ @ R 2570.24/m ³ R 219036.04					
24 No. 8/12. Construction of cement concrete Pavement --- --- depth. spec.					
V.T.M. B.P. 5					
90.90 m ³ @ R 5925.54/m ³ R 538632.0					
24 No. 9/15. Providing and fixing typical masonry Bench --- --- depth. spec.					
V.T.M. B.P. 3					
2 Nos @ R 9317.92 each R 18636.0					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Jt No. 10/25. E/W excavation for structure					
----- tech. spec.					
V.T.M.B.P. 3.					
13.60 m ³ @ R 294.73/m ³ R 4008.00					
Jt No. 11/26. Providing PCC in foundation					
----- tech. spec.					
V.T.M.B.P. 3.					
for 2.07 13.85 m ³ @ R 44.13=21 5146.65/m ³ R 9135.00					
71281.00					
Jt No. 12/27. Providing PCC in Substation					
----- tech. spec.					
V.T.M.B.P. 3.					
13.85 m ³ @ R 5146.65/m ³ R 71281.00					
Jt No. 13/29. Providing RCC N.P. 600 mm dia					
Pipe ----- Arch.					
V.T.M.B.P. 4.					
5.0 m @ R 1040.92/m R 5205.00					
Jt No. 1.					
					R 1305123.00
Add 12% G.S.T (+)					R 156615.00
Add 1% L.C. (+)					R 13051.00
S.F. (+)					R 21450.00
					/

G.O. R 1496239.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					BY R 1196232~
1000 17.88 1/2 09					
per 8700					R 267527-00
					R 1228712-00
Sumit					Am 17/3/21
20.6.21					AG
82					