

~~MM/15/51~~

SC

Blairmondon yaddu to 703

Schedule XLV-Form No.-134

Division Q1376-121C

Sub-Division 311GR1

MEASUREMENT BOOK 673

22/2/93 → Mung Kumbasigah

NU 229979

Sch, XLV-Form No. 134

Executive Engineer R.W. Daudhgar DIVISION

Assistant Engineer SUB-DIVISION
0629

Measurement Book

No. 673

Name of Officer _____

Date of first entry _____

Date of last entry _____

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work	Construction of				
	Road from Brijmalda				
	Kadai To To 3				
Name of Engineer	Munira Kumar Singh				
	Maha Singh				
Approval No.	MA/PMGSY/2020-21				
Date of Commencement	15.09.2020				
Date of Completion	14.06.2021				
Date of Measurement	14.06.2021				
<u>Record Measurement</u>					
1/ Const. of Subgrade & earth					
<u>Shoulder up to date measurement</u>					
	10	30.00	7.50	0.30	678.00 m ³
	5	30.00	7.30	0.30	318.00 m ³
	1	15.00	8.00	0.30	36.00 m ³
	1	20.00	10.00	0.30	60.00 m ³
	1	10.00	10.00	0.30	30.00 m ³
	6	30.00	7.30	0.30	394.20 m ³
					1523.70 m ³
2/ Const. of G.B. G.T.					
<u>Up to date measurement</u>					
	10	30.00	4.05	0.20	243.00 m ³
	5	30.00	4.05	0.20	121.50 m ³
	1	15.00	5.30	0.20	15.90 m ³
	2	15.00	(10.00 + 5.00)	0.20	45.00 m ³
	6	30.00	4.05	0.20	145.80 m ³
	2	10.00	5.00	0.10	10.00 m ³
	2	25.00	3.75	0.10	18.75 m ³
	2	30.00	0.65	0.10	11.25 m ³
	15	2.50	1.20	0.10	4.50 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	10	2.50	1.60	0.10	4.00 m ²
					619.70 m ²
3/ Providing laying work for III					
Up to date measurement					
	10	30.00	3.75	0.075	84.375 m ²
	5	30.00	3.75	0.075	42.187 m ²
	1	15.00	5.00	0.075	5.625 m ²
	2	15.00	$\frac{10.00 + 4.50}{2}$	0.075	16.312 m ²
	6	30.00	3.75	0.075	50.625 m ²
	2	10.00	5.00	0.075	7.50 m ²
	2	25.00	3.75	0.075	14.062 m ²
	3	30.00	3.75	0.075	25.312 m ²
					245.998 m ²
4/ Cost of ungravelled joint					

C.C. Pavement					
	3	30.00	3.75	0.16	54.00 m ²
	2	25.00	3.75	0.16	30.00 m ²
	2	10.00	4.50	0.16	14.40 m ²
					98.40 m ²

5/ Cost of earthen shoulder					
Up to date measurement					
	2	10	30.00	1.30	0.20 = 156.00 m ³
	2	5	30.00	1.50	0.20 = 90.00 m ³
	2	3	15.00	1.50	0.20 = 22.00 m ³
	2	6	30.00	1.30	0.20 = 93.60 m ³
	2	10	30.00	1.20	0.075 = 54.00 m ³
	2	5	30.00	1.50	0.075 = 33.15 m ³
	2	3	15.00	1.50	0.075 = 10.12 m ³
	2	6	30.00	1.30	0.075 = 35.10 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2x4	30.00	0.70	0.10	16.80 m ³
	2x4	30.00	0.70	0.075	12.60 m ³
	2x4	30.00	0.70	0.16	26.88 m ³
					555.25 m ³
6/ PAF R/L M/s grade					
(a) Ordinary km stone					= 2 Nos
(b) 100m stone					= 4 Nos
7/ PAF R/L Boundary pillar					
					= 32 Nos
8/ PAF Traffic sign					
(a) 600mm equilateral A					= 10 Nos
(b) 600mm Side Circular					= 2 Nos
(c) 800x600mm Rectangular					= 4 Nos
(d) 600x450mm Rectangular					= 2 Nos
(e) 900mm side Octagonal					= 2 Nos
9/ planting of tree					= 40 Nos
10/ Road marking on					
LL pavement					
	2x5	30.00	0.10		= 30.00 m ²
	2x1	10.00	0.10		= 2.00 m ²
					32.00 m ²
11/ Construction of embankment					
with material obtained					
from borrow pit					
CH	C/A (filling)	M/A (filling)	diffy	qty. m ³	
00	4.135	-	-	-	
50	6.456	5.296	50	264.775	
100	7.110	6.783	50	339.150	
150	4.907	6.009	50	300.425	
200	4.102	4.505	50	225.225	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
250	3.577	3.840	50		191.975
300	4.696	4.137	50		206.825
350	4.456	4.576	50		218.800
400	5.872	5.167	50		258.200
450	5.486	5.679	50		263.950
500	3.996	4.741	50		237.050
550	4.123	4.060	50		202.975
600	3.296	3.700	50		189.975
650	4.076	3.676	50		183.800
700	4.700	4.388	50		219.400
750	5.107	4.904	50		245.175
800	4.702	4.905	50		245.225
835	5.092	4.867	35		171.395

3989.320 m²Lees Subgrade vide H/W (1) 11523.70 m²Lees (1) vide H/W (2) 619.70 m²Lees with Gully vide H/W (3) 1245.998 m²Lees (1) Pavement vide H/W (4) 98.90 m²Lees earthwork vide H/W (5) 1555.25 m²946.272 m²

(a) For Lead up to 100m

48% of 946.772 m² = 454.21 m²Limit = 445.38 m²

(b) For Lead up to 100m

52% of 946.272 m² = 492.06 m²Limit = 488.17 m²

12/ P & F Logoff M/G board

Maintenance board = 2 Nos

13/ pricing of parapet

3x2x3.60x0.40 = 8.64 m²3x4x3.60x0.60 = 25.92 m²

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 D/F working Ret. H/V					
atg. vide item no 1(a) P(1)					
				= 1.10	
@ Rs 3548.93					= Rs 3548.00
2/2 Reference pillars					
atg. vide item no 1(b) P(1)					
				= 3.10	
@ Rs 1622.57					= Rs 4967.00
3/ Clearing and grubbing					
atg. vide item no (2) P(1)					
				= 0.60 Ma	
@ Rs 52986.33					= Rs 31782.00
4/ P/F MMSV L-80					
atg. vide item no (3) P(1) = 2.10					
atg. vide item no (12) P(20) = 2.10					
				4.10	
@ Rs 9492.51					= Rs 37970.00
5/4 Box cutting					
atg. vide item no (4) P(4)					
				= 11.25 L ³	
@ Rs 75.57					= Rs 850.00
6/5 Cont of embankment					
atg. vide item no (5) P(4)					
				= 6.75 L ³	
@ Rs 26.68 L ³					= Rs 180.00
7/4/1 Digging of LL					
atg. vide item no 6(a) P(4)					
				= 3.03 L ³	
@ 497.81					= Rs 1508.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/02 Digging of brickwork					
Qty. vide item no. 6(1) P(1)					
				= 109.90 m	
@ Rs 235.58					= Rs 25816.00
9/03 Removal of HP 600 mm					
Qty. vide item no. 6(1) P(1)					
				= 7.50 m	
@ Rs 181.13					= Rs 1358.00
10/04 Removal of HP 600-900 mm					
Qty. vide item no. 6(2) P(2)					
				= 15.00 m	
@ Rs 244.92					= Rs 3673.00
11/00 P4L RCC duct pipe					
Qty. vide item no. 7) P(2)					
				= 15.00 m	
@ Rs 912.24					= Rs 13683.00
12/35 E/W in excavation					
Qty. vide item no. 8) P(4)					
				= 46.98 m ³	
@ 279.09					= Rs 13112.00
13/36 Providing RCC Ms					
in existing concrete					
Qty. vide item 9) P(3)					
				= 8.53 m ³	
@ Rs 4629.84					= Rs 39525.00
14/37 P4L RCC Main Substructure					
Qty. vide item no. 10) P(3)					
				= 45.99 m ³	
@ Rs 5392.75					= Rs 245343.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/ P.L. P.C.C. MB 1000 mm dia HP					
atg wide item no. (15) P/4/					
				= 7.50 m	
@ 13 3771.36				= 13	28289.00
16/ P.L. P.C.C. MB 600 mm dia HP					
atg wide item no. (16) P/3/					
				= 22.50 m	
@ 13 2089.99				= 13	46901.00
16/50 C/c in excavation					
atg wide item no. (16) P/3/					
				= 29.80 m ³	
@ 13 279.09				= 13	3317.00
17/ P.L. P.C.C. MB in Leveling G.W.					
atg wide item no. (17) P/3/					
				= 4.60 m ³	
@ 14 4629.84				= 14	21297.00
18/32 P.C.C. MB grad in Substructure					
atg wide item no. (18) P/3/					
				= 30.79 m ³	
@ 15 392.75				= 15	166048.00
20/8 Cont. of Subgrade under road					
shoulder					
atg wide item no. (20) P/4/				= 1527.56 m ³	
atg wide item no. (8) P/17/				= 1523.70 m ³	
				3051.66 m ³	
@ 15 3051.66 m ³					
30% of 3051.66 m ³				= 915.50 m ³	
				Limit 624.26 m ³	
@ 15 192.04				= 15	119883.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
b/ For Lead up to 100 m					
at vide iten no. 2/ P(18)					
@ RS 155.15					= RS 225991.00
22/10 Cont. of carb cont I					
at vide iten no. 2/ P(18)					
					= 619.70 m ³
@ 2380.65					= RS 1475288.00
23/11 PAL WBM CONT I					
at vide iten no. 3/ P(18)					
					= 295.998 m ³
@ RS 3327.35					= RS 818521.00
29/ Cont of CC Pavement					
at vide iten no. 9/ P(18)					
					= 98.90 m ³
					= 97.92 m ³
@ RS 6078.61					= RS 595217.00
25/ PAF R/C M.S. grade					
10/100 stone					
at vide iten no. 6/ P(19)					
					= 2408
@ RS 1020.11					= RS 9070.00
b/ 200 m stone					
at vide iten no. 6/ P(19)					
					= 9408
@ RS 569.76					= RS 2279.00
26/ PAF RCC bridge pillar					
at vide iten no. 7/ P(19)					
					= 32408
@ RS 990.86					= RS 15707.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/ 1st 1st Triangular side					
1a/ 600mm side triangular					
atg. side item no. 8(1) P(19)					
				= 10.00	
@ Rs 3621.04					= Rs 36210.00
b/ 600mm dia circular					
atg. side item no. 8(1) P(19)					
				= 2.00	
@ Rs 9895.90					= Rs 9891.00
c/ 800x600mm rectangular					
atg. side item no. 8(1) P(19)					
				= 4.00	
@ Rs 6795.87					= Rs 26983.00
d/ 600x950mm rectangular					
atg. side item no. 8(d) P(19)					
				= 2.50	
@ Rs 4720.52					= Rs 9991.00
e/ 900mm side octagonal					
atg. side item no. 8(e) P(19)					
				= 2.00	
@ Rs 8597.62					= Rs 17195.00
28/ Paving of area					
atg. side item no. (9) P(19)					
				= 40.00	
@ Rs 899.59					= Rs 37783.00
29/ Road Marking on road					
atg. side item no. (10) P(19)					
				= 32.00	
@ Rs 10.76					= Rs 15944.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
30/ Contd. chackkali					
(a) For Lead upto 100m					
atg. vide iten no 110/1 P2/					
					= 415.38 m ²
@ Rs 190.36					= Rs 89782.00
(b) For Lead upto 100m					
atg. vide iten no 116/1 P2/					
					= 488.17 m ²
@ Rs 143.20					= Rs 69906.00
1/ PPA Prime Cost					
atg. vide iten no 119/1 P2/					
					= 2655.00 m ²
@ Rs 43.38					= Rs 115774.00
2/ PPA Prime Cost					
atg. vide iten no 15/ P2/					
					= 2655.00 m ²
@ Rs 14.99					= Rs 39798.00
33/ PPA 20mm thick MSc					
atg. vide iten no 116/1 P2/					
					= 2655.00 m ²
@ Rs 196.51					= Rs 521734.00
39/ Road Marking on BT Surfaces					
atg. vide iten no 17/ P2/					
					= 138.00 m ²
@ Rs 721.95					= Rs 99629.00
39/ Painting on perforated well					
atg. vide iten no 13/ P2/					
					= 58.08 m ²
@ Rs 100.76					= Rs 5852.00
					Rs 505115.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
GF 25					0 5051115.00
Less 23.01/1 below				114	1162261.00
					Rs 3888854.00
Add GST - Less 13%					0 505551.00
Add S fee					Rs 78996.00
					0 4473401.00
Less previous payment					0 2633122.00
					0 1840279.00
Shakes 14-11-21 J E					
					141.1111
					Rs

Continuation