

14/1/1957

Bhimadon yaddu to 703

Schedule XLV-Form No.-134

Division CPISG-121C

Sub-Division 371GR1

MEASUREMENT BOOK 673

24/1/57 → 170000 Kms

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.	
Name of work: - Const and five years maintenance of road from Brighatdhar Yadav to T03					
Name of Agency: - Munna Kumar Singh, Vill - Mathli, Dist -					
Agreement No. - 54/MMBSY/2020/21					
Agreement Cost: - 3077959.00					
Date of Commencement: - 15-09-2020					
Date of Completion: - 14-06-2021					

Record Measurement					
1/ Setting out work.					
(a) Benchmark pillar	=	1 No			
b/ Reference pillar	=	3 Nos			
2/ Clearing and grubbing road land					
2 x 10 x 30.00 x 3.50	=	2100.00 m ²			
2 x 10 x 30.00 x 3.50	=	2100.00 m ²			
2 x 8 x 30.00 x 3.50	=	1680.00 m ²			
2 x 1 x 20.00 x 3.50	=	140.00 m ²			
		6020.00 m ²			
		0.602 Ha			
3/ providing and fixing MMBSY Logo and Citizen information board					
	=	2 Nos			

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/ Excavation for good clay box cutting					
		2 x 3 x 30.00	x 0.625	x 0.40	= 11.25 m ³
5/ Cost of enhancement with helical					
obtained from box cutting					
Qty. vide 60% of item no 4					
		60% of 11.25 m ³			= 6.75 m ³
6/ Dismantling of old structure					
(a) Plain cement concrete					
		1 x 3.50 x 1.14	x 0.15		= 0.60 m ³
		3 x 3.50 x 1.54	x 0.15		= 2.43 m ³
		1 x 1.00 x 5.00	x 0.15		= 0.75 m ³
					<u>Sum</u> 3.03 m ³
(b) Stone/brick masonry					

		2 x 4.20 x 0.825	x 2.50		= 17.33 m ³
		3 x 2 x 6.20 x 0.825	x 3.00		= 92.07 m ³
					<u>109.40 m³</u>
(c) Murr pipe 600mm dia					
		1 x 7.50			= 7.50 m
(d) Murr pipe 600-900mm dia					
		2 x 7.50 m			= 15.00 m ³
7/ providing and laying 300mm					
dia duct pipe					
		2 x 3 x 2.50			= 15.00 m
(e) Murr pipe 600mm dia					
8/ E/W in excavation for					
foundation					
		3 x 2 x 3.90 x 1.15	x 1.50		= 40.365 m ³
Head wall		3 x 2 x 3.90	x 1.15	x 0.365	= 6.619 m ³
Below Pipe		3 x 1 x 5.35	x 1.13	x 0.365	= 46.984 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
15/ Providing R.C.C. 1000mm dia H.P	3	2.50	7.50		30.79 m ³
16/ Const. of Curb and earthen Shoulder					
	10	30.00	7.27	6	654.84 m ³
	10	30.00	7.27	0.30	654.84 m ³
	4	25.00	7.27	0.30	218.28 m ³
					1527.96 m ³
a) For Lead up to 100m					
30% of 1527.96 m ³					458.39 m ³
b) For Lead up to 100m					
70% of 1527.96 m ³					1069.57 m ³
17/ Const. of G.B. with well graded material for B.T. position					
	10	30.00	4.05	0.20	243.00 m ³
	10	30.00	4.05	0.20	243.00 m ³
	1	30.00	4.05	0.20	24.30 m ³
	1	10.00	5.50	0.20	11.00 m ³
For C.C. position					64.60
	2	30.00	3.75	0.10	22.50 m ³
	1	10.00	4.75	0.10	4.75 m ³
G.B. width 2.3m	2	30.00	0.625	0.10	11.25 m ³
Curb for profile correction					
	10	2.25	1.15	0.10	2.587 m ³
	8	1.80	1.30	0.10	1.872 m ³
					564.259 m ³
18/ Providing laying U.B. 600mm					
For B.T.	10	30.00	3.75	0.075	84.375 m ³
	10	30.00	3.75	0.075	84.375 m ³
	1	10.00	5.25	0.075	3.937 m ³

Continuation

Abstract of Cost

Sch. XLV-Form No. 134

6

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/1 providing and fixing working Ranch mark					
Qty vide item no 1(a) P(1)					
				= 1 No.	
@ Rs 3548.43					= Rs 3548.00
2/2 Reference pillar					
Qty vide item no 1(b) P(1)					
				= 3 Nos	
@ Rs 1622.57					= Rs 4867.00
3/3 Clearing and grubbing					
Qty vide item no (2) P(1)					
				= 0.6024	
@ Rs 52970.33					= Rs 31782.00
4/4 providing and fixing M168 V Logo board					
Qty vide item no (3) P (1)					
				= 2 Nos	
@ Rs 9492.51					= Rs 18985.00
5/4 Box cutting					
Qty vide item no (4) P(2)					
				= 11.25 m ²	
@ Rs 75.57					= Rs 850.00
6/5 Const of embankment with material obtained from box cutting					
Qty vide item no. (5) P(2)					
				= 6.75 m ²	
@ Rs 26.68					= Rs 180.00
7/41 Disinfectant of CC					
Qty vide item no 6(a) P(2)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				$= 3.03 \text{ m}^2$	
@ Rs 497.81				$= 15$	1508.36
8/42 Discontinuity of stone/brick masonry					
atg. vide item no 6(b) P(2)				$= 105.40 \text{ m}^2$	
@ Rs 235.38				$= 15$	25816.00
9/43 Removal of Hume pipe 600mm dia					
atg. vide item no 6(c) P(2)				$= 7.50 \text{ m}$	
@ Rs 181.88				$= 15$	1358.00
10/44 Removal of Hume pipe 600-800mm dia					
atg. vide item no. 6(d) P(2)				$= 15.00 \text{ m}$	
@ Rs 244.92				$= 15$	3673.00
11/40 providing and laying 300mm dia duct pipe					
atg. vide item no (7) P(2)				$= 15.00 \text{ m}$	
@ Rs 912.24				$= 15$	13683.00
12/35 E/C in excavation for foundation					
atg. vide item no (8) P(2)				$= 46.989 \text{ m}^2$	
@ Rs 279.09				$= 13$	13112.00
13/36 providing PCC M/S grade for levelling course					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty. vide item no (9) P(3)					
					= 8.537 m ²
@ Rs 4629.87					= Rs 39525.00
14/37 providing and laying					
PCC M ₁₅ grade in Substructure					
Qty. vide item no (10) P(3)					
					= 45.495 m ²
@ Rs 5392.75					= Rs 245343.00
15/38 providing & laying					
RCC M ₂₀ 600mm dia Hum pipe					
Qty. vide item no (11) P(3)					
					= 22.50 m
@ Rs 2087.49					= Rs 46901.00

16/30 E/F in excavation for					
foundation					
Qty. vide item no (12) P(3)					
					= 29.80 m ²
@ Rs 279.09					= Rs 8317.00
17/31 providing and laying M ₁₅					
grade levelling course					
Qty. vide item no (13) P(3)					
					= 4.60 m ²
@ Rs 4629.87					= Rs 21279.00
18/32 RCC. M ₂₀ grade in substructure					
- water					
Qty. vide item no (14) P(3)					
					= 30.79 m ²
@ Rs 5392.75					= Rs 166048.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19/33 Providing and laying ACC NB					
1000mm dia HP.					
Qty. vide item no (15) P (4)					
				= 7.50 m	
@ Rs 3771.86					= Rs 28289.00
20/8 Const. of Subgrade and earthen shoulder for Lead up to 1000m					
Qty. vide item no 16 (4) P (4)					
				= 458.39 m ³	
@ Rs 192.04					= Rs 88029.00
21/9 Const. of Subgrade for Lead up to 100 m					
Qty. vide item no 16 (4) P (4)					
				1069.57 m ³ 527.21 m³	
@ Rs 155.15					= Rs 165944.00
22/10 Const. of GSB					
Qty. vide item no (17) P (4)					
				= 564.159 m ³	
@ Rs 2380.65					= Rs 1343303.00
23/11 Providing WBM GUTTI					
Qty. vide item no. (18) P (5)					
				= 226.686 m ³	
@ Rs 3327.35					= Rs 754264.00
					Rs 3026631.00
Less 23.01% Below					= Rs 696428.00
					Rs 2330203.00
Add 12% Gst					Rs 279624.00
Add L. Cst 1%					Rs 23302.00
					Rs 2633129.00

Shukla
15-2-21
J.E

Continuation
AS