

MMBSY-SC

(28)

Schedule XLV-Form No. 134

MMBSY-SC-2157-11-2012-961/79 41324 21071

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Executive Engineer

RWD Works Division

Darbanga-1

DIVISION

BATHERI SUB-DIVISION

Measurement Book

୧୫୦୮୧୧-୧୪୨୧୧୮୭୧୧୧୧୧

3423/19-20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:-	Construction of road with				
	maintenance work for Agghani				
	South Tala Bridge Sharma House to				
	Agghani West Tala.				
Name of agency:-	Sri Srot Sharan Sudhanshu				
Agreement No. :-	72 SBD / 2019-20.				
	(MMGSY. SC)				
Estimated Cost:-	Rs. 3467, 681.00.				
Agreement Value:-	Rs. 31,20, 912.00				
Rate :-	10.00 % below from BOB rate.				
Date of start:-	01.03.2019				
Date of Completion:-	30.11.2019				
Date of entry:-	31.01.2021.				
x	x	x	x	x	

① Construction of

embankment with

material obtained from

borrow pits and-

Chainage IN M.	C/S Area IN M ²	Mean C/S Area IN M ²	Length IN M.	Quantity IN M ³
0	2.857	-	-	-
50	3.184	3.021	50	151.05 m ³
100	3.325	3.260	50	163.00
150	3.117	3.226	50	161.30
200	2.633	2.875	50	143.75
250	0.480	1.557	50	77.85
300	0.527	0.504	50	25.20
350	0.489	0.508	50	25.40
400	0.431	0.460	50	23.00
450	0.523	0.477	50	23.85
485	Continuation		35	23.87
	0.841	0.682		

C.O.D = 818.27 m³

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①	<u>Continued.</u>				
				S.F.	Q = 818.27 m ³ .
	<u>Deduction</u>				
	G.S.B.				43.01 m ³
	Gr-3.				125.52 ~
	C.C. Pavement.				292.84 ~
	<u>Earth Shoulder</u>				
a.c. Layer	2x6x	30.00	x 0.90	x 0.160	= 51.84 ~
"	2x1x	20.00	x 0.90	x 0.160	= 5.76 ~
Gr-3 layer	2x6x	30.00	x 1.10	x 0.075	= 29.70 ~
"	2x1x	20.00	x 1.10	x 0.075	= 3.30 ~
G.S.B. layer.	2x6x	30.00	x 1.20	x 0.100	= 43.20 ~
"	2x1x	20.00	x 1.20	x 0.100	= 4.80 ~
		Shoulders Q		=	138.60 m ³
		<u>Total deduction</u>			599.97 m ³
		Net Q =			218.30 m ³ .
(A)	For load upto 1000 M.				
	30% of Q; 218.30 m ³				= 65.49 m ³
(B)	For load upto 100 M.				
	70% of Q; 218.30 m ³				= 152.81 ~
②	<u>Providing sub-grade and earth shoulders incl.</u>				
	<u>Q vide same page item No ①</u>				
	as deduction				Q = 138.60 m ³ .
	<u>Signature</u>				
	<u>Date</u>				
	<u>Time</u>				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①	ABSTRACT OF COST. Construction of 24 pillars, v.p. $\frac{21}{1}$ 2 Nos. @ Rs. 1963 = 53 each Rs. 3927.00				
②	Clearing and Grubbing road length do do v.p. $\frac{21}{2}$ 0.170 Hect. @ Rs. 49,174 = 86/Hect Rs. 8,360.00				
③	Excavation of earth in road with hydraulic excavator do do v.p. $\frac{21}{3}$ 36.375 m ³ @ Rs. 76 = 189/m ³ Rs. 2,771.00.				
④	Paving G.S.B. grading material do do v.p. $\frac{21}{4}$ 43.01 m ³ @ Rs. 2992 = 198/m ³ Rs. 1,28,694.00				
⑤	Paving M.G. 3 do do v.p. $\frac{21}{5}$ 125.52 m ³ @ Rs. 3573 = 158/m ³ Rs. 4,48,503.00				
⑥	Paving c.c. pavement M30 concrete do do v.p. $\frac{21}{6}$ 292.84 m ³ @ Rs. 7742 = 10/m ³ Rs. 22,67,197.00				
⑦	Paving and fixing of logs of MMGSY sign Board 4 maintenance do do v.p. $\frac{21}{7}$ 3 Nos. @ Rs. 9634 = 672 each Rs. 28,904.00				

Continuation

c.o. Rs. 28,88,356.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧	Kilometer stones (Precast)			B. E.	Rs. 28,88,356:00
	V.P. $\frac{22}{8}$		1 No.		
	@ Rs. 2613:062 each				Rs. 2,613:00
⑨	200 mm Post. (Precast)				
	V.P. $\frac{22}{9}$		2 Nos.		
	@ Rs. 677:69 each				Rs. 1,355:00.
⑩	Traffic Signs.				
(a)	600 mm equilateral triangular				
	V.P. $\frac{22}{10(A)}$		2 Nos.		
	@ Rs. 1734:078 each				Rs. 3,468:00.
(b)	600 mm. Circular				
	V.P. $\frac{22}{10(B)}$		2 Nos.		
	@ Rs. 1787:975 each				Rs. 3,596:00
(c)	600 mm x 450 mm rectangular				
	V.P. $\frac{22}{10(C)}$		2 Nos.		
	@ Rs. 1791:435 each				Rs. 3,583:00.
⑪	Boundary Pillars.				
	V.P. $\frac{22}{11}$		6 Nos.		
	@ Rs. 580:201 each				Rs. 3,481:00
⑫	Road marking & Hot applied Thermoplastic compound etc etc				
	V.P. $\frac{22}{12}$		97.00 m ²		
	@ Rs. 951:275/m ²				Rs. 92,316:00
				E.O.	Rs. 29,98,768:00
	Less 10.00% as per agreement				
					Rs. 2,99,877:00
				C.O.	Rs. 26,98,891:00.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.	
				Rs. 26,98,891=00	
				P.F.	
				Rs. 29,98,891=00	
				B.P.	
				Rs. 29,98,768=00	
(13) Construction of embankment with material obtained from borrow pit					
(a) For lead upto 1000 m.					
V.P.	25 ①(A)	65.	4.9 m ²		
@ Rs. 179 = 101/m ²				Rs. 11,729=00	
(b) For lead upto 100 M.					
V.P.	25 ①(B)	152.81 m ² .			
@ Rs. 141 = 119/m ²				Rs. 21,564=00.	
(14) Providing sub grade and earthen shoulders					
V.P.	25 ②	138.60 m ²			
@ Rs. 180 = 810/m ²				Rs. 25,060=00	
				Rs. 30,57,121=00	
Less 10% as per agreement				Rs. 205,712=00	
				Rs. 27,51,409=00	
Less against Paid V.R.				Rs. 26,98,891=00	
				Rs. 52,518=00.	
on 01-02-21.					
for maintenance start.					
Signature					
Date					