

PWD 215 अक्षांश ०५११११ ४११ ४
११२०११६ (MMG595C)
Schedule XLV-Form No. 134

Dabhanga - 1
DIVISION

Bakeri
SUB-DIVISION

M.B.N. 3581

Measurement Book

4948 - 21/ 215/21 3581/21 1215

Name of Work:- Construction of Road with
maintenance Work from PWD Road
Baghauni Panchayat Bhawan to Motgah.
(Length:- 1.580 Km)

Name of Work:-

Situation of Work:- At, Block:- BAHARI

Agency by which work is executed:- Sanjay Kumar Singh.

Date of Measurement:-

No. and date of agreement 93 SBD/2020-21.

(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.	
Estimated Cost:- Rs.					89,05,981.00.
Agreement Value:- Rs.					88,61,454.00.
Rate:- 0.50% Below from B.D.R. rate.					
Date of start:-					23.01.2021.
Date of Completion:-					22.01.2022.
Date of entry:-					19.03.2021.
① Setting out pillars of bench					
mark & clear					2 Nos.
② Setting out pillars & mark					
pillars.					4 Nos.
③ Clearing and Grubbing					
road bed & ditch					
20 x 30.00 x 3.50					= 2100.00 m ³
					Qty 0.21 Hect.
④ Surfacing, Existing					
Bituminous Surface					
17 x 30.00 x 3.75					= 1912.50 m ²
1 x 20.00 x 3.75					= 75.00
					1987.50 m ²
⑤ Excavation for roadwork					
in soil with hydraulic					
Excavator & dump					
B.T. widening	2x	250.00	x 0.50	5 x 100	= 26.25 m ³
C.F. widening	2x	150.00	x 0.375	x 0.75	= 19.69
					45.94 m ³ .

Continuation

3rd ON A/C Bill.

26 (Work Complete)

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	<u>ABSTRACT OF COST</u>				
①	Settlement of reference				
	Benchmark d & d				
	V.P.	$\frac{17}{1}$	2 Nos.		
	@ Rs. 3906 = 01 each				Rs. 7812 = 00
②	Cost of ref. pillars				
	V.P.	$\frac{17}{2}$	6 Nos.		
	@ Rs. 1798 = 54 each				Rs. 10,791 = 00.
③	Clearing and Grubbing				
	road land - d & d.				
	V.P.	$\frac{17}{3}$	0.532 Hact.		
	@ Rs. 51,133 = 76/Hact				Rs. 27,203 = 00
④	Scrapping existing				
	Bunkle d & d				
	V.P.	$\frac{17}{4}$	1987.50 m ²		
	@ Rs. 16 = 17/m ²				Rs. 32,138 = 00
⑤	Excavation for roadwork				
	in soil with hydraulic				
	excavator - d & d.				
	V.P.	$\frac{17}{5}$	109.73 m ³		
	@ Rs. 74 = 16/m ³				Rs. 8,138 = 00
⑥	Construction of embank-				
	ment with material				
	obtained from borrow				
	pits with load up to				
	1000 m.				
	V.P.	$\frac{18}{6}$	1269.10 m ³		
	@ Rs. 175 = 22/m ³				Rs. 2,22,372 = 00

C.O. Rs. 3,08,454 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			S.F.		Rs 308,454.00
(7.) Construction of embankment with material obtained from borrow pits with load up to 100 M.					
	V.P.	$\frac{18}{7}$	2961	226 m ³	
		@ Rs. 139.85/m ³			Rs 4,14,127.00
(8.) Construction of sub-grade and earthen shoulders do do.					
	V.P.	$\frac{18}{8}$	749	62 m ³	
		@ Rs. 176.80/m ³			Rs 1,32,578.00
(9.) Construction of granular sub-base with well graded material of grading-1 material do					
	V.P.	$\frac{18}{9}$	410	446 m ³	
		@ Rs. 2802 = 82/m ³			Rs 1,50,406.00
(10.) Providing VSM Stone mallet 80-3 do do					
	V.P.	$\frac{19}{10}$	367	970 m ³	
		@ Rs. 3547 = 60/m ³			Rs 13,05,410.00
(11.) Providing and applying prime coat with bitumen emulsion 50-1					
	N.P.	$\frac{19}{11}$	4684	35 m ²	
		@ Rs. 42 = 43/m ²			Rs 1,98,757.00

C.O. Rs 35,09,732.00.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				A. F.	
				Rs.	35,09,732.00
(12)	Providing and applying				
	Jack coat extra bitumen				
	emulsion AS-1	d. d.			
	V.P.	$\frac{19}{12}$	4684.35 m ²		
	@ Rs. 14.42/m ²			Rs.	67,548.00
(13)	MSS.				
	Providing laying and				
	rolling of close graded				
	premix surfacing material				
	of 20 mm thickness	d. d.			
	V.P.	$\frac{19}{13}$	4684.35 m ²		
	@ Rs. 212.39/m ²			Rs.	9,94,909.00
(14)	Construction of cement				
	Concrete pavement M30				
	1 m road	d. d.			
	V.P.	$\frac{20}{14}$	194.23 m ³		
	@ Rs. 6866.34/m ³			Rs.	13,33,649.00
(15)	KM stone.				
	V.P.	$\frac{20}{15}$	3 Nos.		
	@ Rs. 2287.51 each			Rs.	6,845.00
(16)	200 m stone				
	V.P.	$\frac{20}{16}$	6 Nos.		
	@ Rs. 599.77 each			Rs.	3,599.00
(17)	Sign Board.				
	V.P.	$\frac{20}{17}$			
	3 Nos.				
	@ Rs. 9383.90 each			Rs.	28,152.00

C.O. Rs. 59,44,434.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B. F.		Rs. 59,44,434-00
(18)	Transfer Station				
	600 mm Triangular				
	V.P. $\frac{20}{18}$		6 Nos.		
	@ Rs. 3972 = 39 each				Rs. 23,834-00
(19)	600 mm Circular				
	V.P. $\frac{20}{19}$		4 Nos.		
	@ Rs. 5099 = 35 each				Rs. 20,397-00
(20)	600 mm x 450 mm rectangular				
	V.P. $\frac{20}{20}$		4 Nos.		
	@ Rs. 4983 = 99 each				Rs. 19,936-00
(21)	Boundary pillars				
	V.P. $\frac{20}{21}$		16 Nos.		
	@ Rs. 550 = 13 each				Rs. 8,802-00
(22)	Road marking				
	V.P. $\frac{21}{22}$		210.00 m ²		
	@ Rs. 735 = 44 m ²				Rs. 1,54,442-00
(23)	Earth work in excavation in foundation trenches - d. - d.				
	V.P. $\frac{21}{23}$		55.88 m ³		
	@ Rs. 269 = 32/m ³				Rs. 15,050-00
(24)	Bedding with sand - d. - d.				
	V.P. $\frac{21}{24}$		6.39 m ³		
	@ Rs. 453 = 20/m ³				Rs. 2,896-00
(25)	Providing RCC M15 in open foundation - d. - d.				
	V.P. $\frac{21}{25}$		4.85 m ³		
	@ Rs. 5411 = 97/m ³				Rs. 26,298-00

C.O Rs. 62,16,039-00.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			S.F.		Rs. 62, 16,039:00
(26) Providing Head Ball					
brick masonry 14 cm.					
(1:4)					
V.P.	21			42.06 m ²	
	(26)				
@ Rs. 5747 = 22/m ²					Rs. 2,41,728:00
(27) Providing and laying					
600 mm ϕ N.P. 3 Term Pipe					
V.P.	21			22.50 m	
	(27)				
@ Rs. 2584 = 27/m					Rs. 58,146:00
(28) Plastering 14 cm (1:4)					
V.P.	21			42.06 m ²	
	(28)				
@ Rs. 168 = 66/m ²					Rs. 7,094:00
(29) Painting on walls					
V.P.	22			42.06 m ²	
	(29)				
@ Rs. 128 = 04/m ²					Rs. 5,325:00
					Rs. 65,28,392:00
Add. GST 12%					Rs. 7,83,407:00
" LC 1%					Rs. 65,284:00
" S.F.					Rs. 83,449:00
					Rs. 74,60,532:00
Less 0.50% as per agreement					37,303:00
(-)					Rs. 74,23,229:00
Less against Paid Vn. (-)					Rs. 44,87,698:00
					Rs. 29,35,531:00

CPD
96-11-15
15/11/2022
Continuation