

M.M.G.S.Y (S.C.)

¹⁹⁹⁰
⁶
^{SRD}
³¹⁻²²
Schedule XLV-Form No. 134

WORK:- To: to Devghar Khap (Barniyan Baran)

1.397 k.m

Rud (w) Division Shergathi **DIVISION**

Shergathi **SUB-DIVISION**

Agency: Dynamic Services & Company

MEASUREMENT BOOK

1297

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.	
					<u>IST Op. H/CBSU</u>
Name of Work— Construction of road from Tol to Deyphar Khap (Banian Baran Road)					
Name of Agency— Dynamic SERVICES and Company					
Ag No— 6358 /2-65BD/2021-22					
Date of W/O— 11/6/2021					
W/C— 3.11.5/2022.					

Date of measurement—				
1. Construction embankment in road as per direction of E.T.				
Change Area	Area	Mean Area	Length	Volume
in	in m	in m ²	in m	in m ³
0m	4.0			
100m	4.50	4.25	100	425m ³
200m	3.90	4.2	100	420m ³
300m	3.50	3.70	100	370m ³
400m	3.80	3.65	100	365m ³
500m	3.50	3.65	100	365m ³
600m	3.50	3.5	100	350m ³
700m	3.3	3.40	100	340m ³
800m	3.90	3.60	100	360
900m	3.0	3.45	100	345
			E.O.	3340m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
chaise	Area	mean Area	length		Volume
-				10/12	3340m ³
1000M	4.0	4.5	100		450
1100M	3.5	3.75	100		375
1200M	3.40	3.45	100		345
1300	4.1	3.75	100		375m ³
1397	4.9	4.50	97		436.5
Total:-					5321.5

② Construction of Subgrade

and camber should be as per specification

40.1- E/W of item No. ①

Rate- ② of T.M.B.

$$\text{or, } 40.1 \times 5321.50 = 2128.608$$

3. Construction of Subgrade

embankment with lead

100m as per specification

55.1- E/W of item No. ①

Rate ② of T.M.B.

$$\text{or, } 55.1 \times 5321.50 = 2926.835$$

4. Construction of embankment

in cut with lead - 100m

5.1- E/W of item No. ①

Rate ② of T.M.B.

$$\text{or, } 5.1 \times 5321.50 = 266.085$$

5. Construction of granular

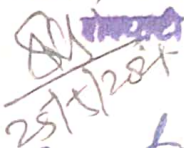
sub-base by spreading

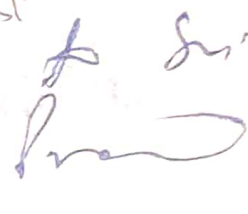
Continuation
AC

Certified that this m.B
contains 100 pages by machine
printings only. This m.B issued
to favour of ^{Sr. Ashok Kumar} A-E. RWD (w)
sub-division. Sherghati.



दाय गलद अगिदता
समीप कर्म विभाग, कार्य प्रमंडल


25/1/2014

MP neissun 
Braj Kumar 

DE, 
11/3/22

Sch. XLV - Form No. 134

RWD(w) Sherghati DIVISION

Sherghati SUB-DIVISION

Measurement Book

No.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Well graded material as per specification -					
(27) C.C Road Portion.					
					$10 \times 25m \times 3.75 \times 0.10 = 93.75m^3$
(ii) 400x25mm x 0.05 x 0.20 =					$810m^3$ $750m^3$
150x25mm x 4.05 x 0.20 =					$263.25m^3$ 243.75
1x200mm x 4.05 x 0.20 =					101.25 $16.20m$
					$1021.22m^3$
b. Construction of Bench mark					
- 55x25m =					$1375m$
1x22m =					$22m$ $1397m$
or -					$1.397km$
ABSTRACT OF WORK					
7. Construction of reference pillars. Quantity same as item no - (6) Page - (B) of F.M.O. -					$1.397km$
S. clearing and grading road land.					
55x25m x 7 =					$9625m^2$
1x22m x 7 =					$154m^2$ $9779m^2$
or,					$0.9779 hectare$
or -					$0.98 hectare$

ABSTRACT COST construction work sheet

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of Road from Toi to dardhar khap (Boniya Darun road) MMSSY					
Agency:- Daynamic Services and Company					
Agreement no:- 06SSD 2021-22					
Date of start:- 01-06-2021					
Date of completion 31-05-2022					
1	Construction of B.M. d. d. Qty vide TMB/D/31				
	1.397 km @ 4697.99/km				RS= 6563 = 00
2/1	Construction of R.F. pillar d. d. Qty vide TMB/D/31				
	1.397 km @ 3109.65/km				RS= 4344 = 00
2/3	Clearing & Grubbing road land d. d. Qty vide TMB/D/31				
	0.98 Hec @ 51165.25/Hec				RS= 50142 = 00

Total RS = 61049 = 00
Continuation

B.F.R.S. 61049 = 0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) 7	Construction of Embankment road lead up to - 100 m d-d Qty vide TMB (P) 45				
	29	41.386 m ²	154.29/m ³		
				RS = 454121 = 0	
(4) 8	Construction of Embankment road lead up to room do do Qty vide TMB (P) 45				
		1260.594 m ²	190.22/m ³		
				RS = 239790 = 0	
(5) 9	Construction of Sub-grade & shoulder				
		do do			
		Qty vide TMB (P) 43			
		2216.24 m ²	198.57/m ³		
				RS = 440099 = 0	
(6) 10	Construction of Gr S B Gr 1 do do Qty vide TMB (P) 32				
		1034.85 m ²	1610.49/m ³		
				RS = 1666599 =	
(7) 11	Construction of W B m Gr - 3 do do Qty vide TMB (P) 32				
		397.84 m ²	2251.2/m ³		
				RS = 895625 = 0	
				/	

Total R.S. 3757283 = 0
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) 12	Providing and applying prime coat do do Qty vide TMB/139 4348.26m ² @43.27/m ² RS=1,88,149=00				
(9) 13	providing and applying Tack coat RS-1 Emulsion do do Qty vide TMB/139 4348.26m ² @15.13/m ² RS= 65789=00				
(10) 14	M.S.S. Bituminous work with coupled do do Qty vide TMB/140 4348.26m ² @172.86/m ² RS=751640=00				
(11) 15	Construction of PCC pavement do do Qty vide TMB/133 153.00m ² @5162.37/m ² RS=7,89,848=00				
(12) 17	RCC MIS Km 820 m stone - Qty vide TMB/141 Ordinary km stone 0300@2176.81/m ³ RS= 6530=00				
(13) 18	200m stone 5.000@604.23/m ³ RS= 3021=00				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) 20	RCC m/s Boundary pillars de do				
	Qty vide TMB (P) 41				
	27.000 @ 520.55/m RS =				14055 = ∞
(15) 21	Painting two coat including primer coat de do				
	Qty vide TMB (P) 41				
	156.24 m ² @ 97.18/m ² RS =				15183 = ∞
(16) 23	Painting and fixing of Asbestos Cement Board de do				
	Qty vide TMB (P) 38+40				
	2+1 = 300 @ 9320.89/m RS =				27963 = ∞
(17) 24/25	Retro reflective Traffic Sign Board				
	Qty vide TMB (P) 41				
	600 mm equilateral Triangle				
	10.000 @ 3453.09/m RS =				34531 = ∞
(18) 26	600 mm x 450 mm Trapezoidal de do P-42				
	Qty vide TMB (P) 42				
	4.00 @ 4504.60/m RS =				18018 = ∞
(19) 27	900 mm Side octagon				
	Qty vide TMB (P) 42				
	2.000 @ 8058.81/m RS =				16118 = ∞

Particulars	Details of work				of area
	No.	L.	B.	Rate	
				B.F RS =	56,88,123 = ∞
(20)	28	providing laying			
		of hot applied			
		Thermoplastic compound			
		B.T area			
		Qty vide TM (p) 42			
		227.36 m ² @ 736.00/m ²			167337 = ∞
(21)	29	Road marking with			
		Thermoplastic PCC			
		provided			
		Qty vide TM (p) 42			
		50.00 m ² @ 748.00/m ²			RS = 37400 = ∞
(22)	32	Excavation			
		Lead			
		Qty vide TM (p) 33			
		226.710 m ³ @ 294.73/m ³			RS = 66818 = ∞
(23)	33	providing concrete			
		for p/w/RCC de de			
		Qty vide TM (p) 33			
		23.17 m ³ @ 4073.00/m ³			RS = 94371 = ∞
(24)	34	providing concrete			
		for p/w/RCC in			
		open foundation			
		Qty vide TM (p) 34			
		143.860 m ³ @ 4306.81/m ³			RS = 619578 = ∞

Total RS = 66,73,627 = ∞

Continuation

B.F.RS = 66,73,627 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) 37	Plan/RCC in sub structure d d				
	Ø + y wide T m (D) 34				
	93.18 m ² @ 4735.51/m ²				
	RS = 4,41,255 = ∞				
(26) 38	Plan/RCC in sub structure complete				
	Cap & End wall				
	Ø + y wide T m (D) 34.38				
	2.83 + 1.63 m ² = 4.46 m ²				
	@ 4925.42/m ² RS = 22280 = ∞				
(27) 39	providing under layer				
	RCC Superstructure				
	d d				
	Ø + y wide T m (D) 34				
	3.74 m ² @ 5737.01/m ²				
	RS = 21456 = ∞				
(28) 40	Supplying Iron and placing HYSD bar				
	d d				
	Ø + y wide T m (D) 34.38				
	0.256 mt + 0.346 mt =				
	0.662 m ² @ 57211.44/mt				
	RS = 37874 = ∞				
(29) 41	Back Filling behind a buttment using				
	steel d d				
	Ø + y wide T m (D) 34				
	35.38 m ² @ 790.08/m ²				
	RS = 27953 = ∞				

B/F RS=72,24,445=∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30) 42	providing work dig d-d d+y vide TMB(D)35				
	36.00m@	117.05/m	RS=	4214=∞	
(31) 43	providing laying RCC pipe NP-3 1000mm dia d+y vide TMB(D)35				
	30.00m@	3723.46/m	RS=	1,11,704=	
(32) 44	providing laying RCC pipe NP-3 600 mm dia d-d d+y vide TMB(D)35				
	15.00m@	1189.58/m	RS=	17844=∞	
(33) 45	Laying Cement Conc rcc pipe NP-3 3000mm dia d-d d+y vide TMB(D)40				
	60.00m@	751.84/m	RS=	45110=∞	
(34) 46	Laying (first class) beddy on well Compacted Sand de de d+y vide TMB(D)38				
	4.98m ² @	517.32/m ²	RS=	2576=∞	
					/

total RS=74,05,893=∞
Continuation

B.P.RS = 74,05,893 = ∞

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(357) 47					
Filling in foundation					
Tracing of per					
drawing de de					
Qty vide Tracing					
$8.20m^3 + 30.56m^3 = 38.76m^3$					
@ 517.32/m ³ RS = 2,00,51 = ∞					
total RS = 74,25,944 = ∞					
add 12% G.S.T RS = 8,91,113 = ∞					
add 1% Labour CRRS = 74259 = ∞					
add Seigniorage Fee RS = 1,40,590 = ∞					
total RS = 85,31,906 = ∞					
Less previous total					
Payment (L) 66,42,847 = ∞					
Net RS = 18,88,059 = ∞					

Say RS = 18,88,059 = ∞

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2-11-2023
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