

1st on A/c Bill

1

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.	
N/Work:- Repair of Rd from					
Bangaon Vishari sthan					
to chairpur.					
N/Agency:- Raj Raman Singh					
A.NO:- 08/MBD-MR/2019-20					
Date of Commencement:-				02.12.2019	
Date of Completion:-				01.07.2020	

Date of Measurement:-

Date of Entry:-

Steady clearing & grubbing Rd land

do do as per E/S.

2x10x30.00x1.00	=	600.00m ²
2x5x30.00x1.00	=	300.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x5x30.00x1.00	=	300.00m ²
2x8x30.00x1.00	=	480.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x10x30.00x1.00	=	600.00m ²
2x2x30.00x1.00	=	120.00m ²

Total = 6600.00m²
= 0.66 Hect.

Particulars	Details of measurement				Contents of area
	No.	L.	B.	D.	
4 x 4.00 x 0.67 x 0.175 =					1.88 m ³
6 x 6.00 x 0.90 x 0.175 =					5.67 m ³
2 x 2.00 x 2.00 x 0.175 =					1.40 m ³
2 x 2.00 x 1.50 x 0.175 =					1.05 m ³
2 x 3.00 x 1.50 x 0.175 =					1.57 m ³
1 x 4.00 x 0.80 x 0.175 =					0.56 m ³
2 x 2.00 x 0.80 x 0.175 =					0.56 m ³
4 x 2.00 x 0.80 x 0.175 =					1.12 m ³
1 x 2.00 x 1.00 x 0.175 =					0.35 m ³
2 x 2.00 x 1.50 x 0.175 =					1.05 m ³
5 x 4.00 x 2.10 x 0.175 =					7.35 m ³
3 x 3.00 x 0.90 x 0.175 =					1.42 m ³

Total = 56.68 m³

Item-3 P/R, laying, spreading
and compacting WBM
br-II Stone aggregates
-- do -- as per
T.S. and direction of E.P.

8 x 3.00 x 1.90 x 0.075 =	3.42 m ³
1 x 10.00 x 1.20 x 0.075 =	0.90 m ³
3 x 4.00 x 1.10 x 0.075 =	0.99 m ³
2 x 6.00 x 0.80 x 0.075 =	0.72 m ³
3 x 2.00 x 0.60 x 0.075 =	0.27 m ³
3 x 9.00 x 0.50 x 0.075 =	1.01 m ³

Continuation

Total = 7.31 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 x 8.00 x 0.45 x 0.075 =					0.54 m ³
2 x 2.00 x 0.40 x 0.075 =					0.12 m ³
1 x 4.00 x 1.00 x 0.075 =					0.30 m ³
2 x 4.00 x 2.00 x 0.075 =					1.20 m ³
2 x 2.00 x 1.50 x 0.075 =					0.45 m ³
8 x 6.00 x 1.90 x 0.075 =					6.84 m ³
5 x 5.00 x 1.40 x 0.075 =					2.62 m ³
6 x 7.00 x 1.50 x 0.075 =					6.07 m ³
7 x 2.00 x 1.20 x 0.075 =					1.26 m ³
4 x 3.00 x 1.00 x 0.075 =					0.90 m ³
3 x 9.00 x 1.40 x 0.075 =					2.83 m ³
1 x 10.00 x 2.40 x 0.075 =					1.80 m ³

6 x 2.00 x 1.60 x 0.075 =					1.44 m ³
2 x 8.00 x 2.00 x 0.075 =					2.40 m ³
4 x 4.00 x 0.67 x 0.075 =					0.80 m ³
6 x 6.00 x 0.90 x 0.075 =					2.43 m ³
8 x 5.00 x 1.00 x 0.075 =					3.00 m ³
2 x 2.00 x 1.50 x 0.075 =					0.45 m ³
2 x 3.00 x 1.50 x 0.075 =					0.68 m ³
5 x 9.00 x 2.80 x 0.075 =					9.45 m ³
2 x 5.00 x 1.80 x 0.075 =					1.35 m ³
4 x 8.00 x 1.90 x 0.075 =					4.56 m ³
1 x 10.00 x 1.90 x 0.075 =					1.42 m ³
2 x 2.00 x 1.50 x 0.075 =					0.45 m ³
5 x 9.00 x 2.10 x 0.075 =					7.09 m ³

Continuation

$$3 \times 8.00 \times 2.90 \times 0.075 = 5.22 \text{ m}^3$$

Total = 72.98 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item-4					
plv, laying, spreading					
and compacting WBM-3					
Stone aggregates - -					
- do - as per T.S.					
and direction R & L.					
					(m ³)
8X 12.00 X		1.90 X	0.075 =		13.68
1X 10.00 X		1.20 X	0.075 =		0.90
3X 4.00 X		1.10 X	0.075 =		0.99
2X 6.00 X		0.80 X	0.075 =		0.72
3X 11.00 X		0.60 X	0.075 =		1.48
3X 9.00 X		0.50 X	0.075 =		1.01

2X 8.00 X		0.45 X	0.075 =		0.54
2X 10.00 X		0.40 X	0.075 =		0.60
1X 4.00 X		1.00 X	0.075 =		0.30
2X 11.00 X		2.00 X	0.075 =		3.30
2X 2.00 X		1.50 X	0.075 =		0.45
8X 17.00 X		1.90 X	0.075 =		12.54
5X 15.00 X		1.40 X	0.075 =		7.88
6X 15.00 X		1.50 X	0.075 =		10.12
7X 2.00 X		2.00 X	0.075 =		2.10
4X 3.00 X		1.00 X	0.075 =		0.90
3X 9.00 X		1.40 X	0.075 =		2.84
1X 10.00 X		2.40 X	0.075 =		1.80
6X 2.00 X		1.60 X	0.075 =		1.44
2X 8.00 X		2.00 X	0.075 =		2.40

Continuation

Total = 65.99
m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area (m ²)
	No.	L.	B.	D.	
4 x 4.00 x		2.67	0.075	=	3.20
6 x 11.00 x		2.90	0.075	=	14.36
8 x 10.00 x		2.00	0.075	=	12.00
2 x 12.00 x		1.50	0.075	=	2.70
2 x 13.00 x		1.50	0.075	=	2.92
5 x 4.00 x		2.80	0.075	=	4.20
2 x 5.00 x		1.80	0.075	=	1.35
4 x 8.00 x		1.90	0.075	=	4.56
1 x 10.00 x		2.90	0.075	=	2.17
2 x 13.00 x		1.50	0.075	=	2.92
5 x 12.00 x		2.10	0.075	=	9.45
3 x 8.00 x		2.90	0.075	=	5.22

Total = 131.04 m²

Item-5 P/V and applying
primer coat with
bitumen emulsion (SS-1)
on prepared surface
-- do -- as per T.S.
and direction of E/G.

BT Portion				(m ²)
8 x 12.00 x	1.90	=		182.40
1 x 10.00 x	1.20	=		12.00
3 x 4.00 x	1.10	=		13.20
2 x 6.00 x	0.80	=		9.60
3 x 11.00 x	0.60	=		19.80

Continuation

Total = 237.00 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 X 9.00 X		0.50		=	13.50 m ²
2 X 8.00 X		0.45		=	7.20 m ²
2 X 10.00 X		0.40		=	8.00 m ²
1 X 4.00 X		1.00		=	4.00 m ²
2 X 11.00 X		2.00		=	44.00 m ²
2 X 2.00 X		1.50		=	6.00 m ²
8 X 11.00 X		1.90		=	167.20 m ²
5 X 15.00 X		1.40		=	105.00 m ²
6 X 15.00 X		1.50		=	135.00 m ²
7 X 2.00 X		2.00		=	28.00 m ²
4 X 3.00 X		1.00		=	12.00 m ²
3 X 9.00 X		1.40		=	37.80 m ²

1 X 10.00 X		2.40		=	24.00 m ²
6 X 2.00 X		1.60		=	19.20 m ²
2 X 8.00 X		2.00		=	32.00 m ²
4 X 4.00 X		2.67		=	42.72 m ²
6 X 11.00 X		2.90		=	191.40 m ²
8 X 10.00 X		2.00		=	160.00 m ²
2 X 12.00 X		1.50		=	36.00 m ²
2 X 13.00 X		1.50		=	39.00 m ²
5 X 4.00 X		2.80		=	56.00 m ²
2 X 5.00 X		1.80		=	18.00 m ²
4 X 8.00 X		1.90		=	60.80 m ²
1 X 10.00 X		2.90		=	29.00 m ²
2 X 13.00 X		1.50		=	39.00 m ²

Continuation

Total = 1551.82 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5X 12.00 X			2.10	=	126.00 m ²
3X 8.00 X			2.90	=	67.69 m ²
			Total	=	1747.42 m ²

Item-6 Plv and applying
tack coat with

Bitumenous Emulsion

(RS-1) using - - do - -

as per T.S. and direct

of E/g. clause - 503.

Area above vide Item

No - (5) page No - (6 to 8)

BT portion

Total Area = 1747.42 m²

CC. Portion

8 X 0.625 (av) X 0.825 (av) = 4.125 m²

11 X 0.820 (av) X 0.980 (av) = 8.569 m²

6 X 1.05 (av) X 0.815 (av) = 5.134 m²

4 X 1.20 (av) X 0.650 (av) = 3.120 m²

9 X 1.30 (av) X 1.15 (av) = 13.455 m²

9 X 0.875 (av) X 0.585 (av) = 4.61 m²

8 X 0.890 (av) X 0.575 (av) = 4.09 m²

32 X 0.350 (av) X 0.250 (av) = 2.80 m²

Gr. Total = 1793.32 m²

Item-7 Plv, laying and

rolling, patch work

over WBM using MS

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Continue Item - (7)					
for bituminous and					
existing ^{RT&R} AC portion - -					
- do - - 20mm thick					
as per T.S. and direction					
of B/G. clause - 509.					
Area above vide Item no					
(6) Page no - (8 to 9)					
Total Area =					1793.32 m ²

Item - 8	PIV and applying				
Jack Coat with bitu-					
menious emulsion using					
- - do - - as per T.S.					
and direction of B/G clause.					
503.					(m ²)
1 x 10 x 30.00 x	3.75 (av)	=	1125.00		
1 x 10 x 30.00 x	3.75 (av)	=	1125.00		
1 x 5 x 30.00 x	3.75 (av)	=	562.50		
1 x 10 x 30.00 x	3.75 (av)	=	1125.00		
1 x 5 x 30.00 x	3.75 (av)	=	562.50		
1 x 8 x 30.00 x	3.75 (av)	=	900.00		
1 x 10 x 30.00 x	3.75 (av)	=	1125.00		
1 x 10 x 30.00 x	3.75 (av)	=	1125.00		

Continuation

Total = 9443.32
7650.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Continue Item 7					(m ²)
1 x 2 x 30.00 x		3.75 (av)	=		225.00
1 x 10 x 30.00 x		3.75 (av)	=		1125.00
1 x 10 x 30.00 x		3.75 (av)	=		1125.00
1 x 10 x 30.00 x		3.75 (av)	=		1125.00
1 x 3 x 30.00 x		3.75 (av)	=		337.50
1 x 10.00 x		3.75 (av)	=		37.50
On curve					
1 x 2 x 16.00 x		0.50 (av)	=		16.00 m ²
1 x 2 x 18.00 x		0.45 (av)	=		16.20 m ²
6 x 2 x 11.00 x		0.64 (av)	=		84.48 m ²
			Total		11741.68 m ²

Item-9 p/r and buying
Semi dense bituminous
Concrete (SDBC) with
100-120 TPH batch
type HMP - - do - -
as per T.S. and
direction of E/g clause
508.

1 x 10 x 30.00 x	3.75 (av) x 0.025 =	28.125
1 x 10 x 30.00 x	3.75 (av) x 0.025 =	28.125
1 x 5 x 30.00 x	3.75 (av) x 0.025 =	14.062
1 x 10 x 30.00 x	3.75 (av) x 0.025 =	28.125
1 x 5 x 30.00 x	3.75 (av) x 0.025 =	14.062
1 x 8 x 30.00 x	3.75 (av) x 0.025 =	22.500

Continuation

Total = 134.999 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x10x	30.00	3.75	0.025		(14.3) = 28.125
1x10x30.00x	3.75	0.025			= 28.125
1x2x30.00x	3.75	0.025			= 5.625
1x10x30.00x	3.75	0.025			= 28.125
1x10x30.00x	3.75	0.025			= 28.125
1x10x30.00x	3.75	0.025			= 28.125
1x3x30.00x	3.75	0.025			= 8.437
1x10.00x	3.75	0.025			= 0.940
On Curve					
1x2x16.00	0.50	0.025			= 0.40 m ³
1x2x18.00	0.45	0.025			= 0.405 m ³
6x2x11.00	0.64	0.025			= 2.11
Total =					293.54 m ³

Item-10 Reinforced cement

concrete M-15 grade

kilometre local stone

-- do -- as per

drawing and T.S.

clause 1703.

(i) KM stone = 03 Nos.

(ii) 200m stone = 13 Nos.

Item-11 P/V and erecting

direction & place

Identification Sign with

Size more than 0.90 sqm

Size board Continuation
as per spec 1/9.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Continue Item No - (11)					
2x 1.20 x 0.80 =					1.92 m ²
Item-12 P/v and fixing of					
retro-reflectors					
cautionary, mandatory					
do do as per					
drawing and T.S. Clause					
80/.					
(i) 600 mm equilateral					
triangle = 44 Nos.					
(ii) 600 mm circular					
= 08 Nos.					
(iii) 600 mm x 450 mm rectangular					
= 02 Nos.					
(iv) 900 mm side octagon					
= 06 Nos.					
Item-13 Construction of					
Subgrade and earthen					
shoulders with app.					
material obtained.					
do E/g.					
BT Portion					
2x 10x 30.00 x 1.00 (av) x 0.300 = 180.00 m ³					
2x 10x 30.00 x 1.00 (av) x 0.300 = 180.00 m ³					
2x 10x 30.00 x 1.00 (av) x 0.300 = 180.00 m ³					
Continuation					
Total = 540.00 m ³					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Item-16 Painting 100 coats including primer coat after filling					
--- do --- as per T.S.					
Side face					
		4.00	4.00	0.60	= 9.60 m ²
Top		2.00	4.00	16.00	= 128.00 m ²
Front face					
		4.00	0.40	0.60	= 0.96 m ²
				Total	= 138.56 m ²

pcc slab culvert 3x5x3m.					
Item-17 plastering with C.M. (1:4) on brick work in sub-structure					
as per T.S.					
Side face					
		4.00	21.00	0.60	= 50.40 m ²
Top		2.00	21.00	0.40	= 16.80 m ²
Front face					
		4.00	0.40	0.60	= 0.96 m ²
				Total	= 68.16 m ²

Item-18 painting 100 coats on new concrete surface including primer coats					
--- do --- as per T.S.					

Continuation

Sch. XLV-Form No. 154					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Continue Stem no-19					
Side face		4.00	4.00	0.60	= 9.60 m ²
Top face		2.00	4.00	21.00	= 168.00 m ²
Front face		4.00	0.40	0.60	= 0.96 m ²
				Total =	178.56 m ²
Stem-19 Painting too					
Coats including primer					
coats after -- do --					
as per T.S. & E/S.					
Side face					di
3 x 4.00 x	4.00	0.60			= 28.80 m ²
Top 3 x 2.00 x	4.00	8.10			= 64.80 m ²
					di 194.40 m ²
Front face					di
3 x 4.00 x 0.40 x	0.60				= 2.88 m ²
					= 0.96 m ²
				Total =	75.36 m ²
HP pipe Culvert 1000mm dia.					226.08 m ²
Stem-20 Painting too					
Coats including					
primer coats after					
filling the surface					
-- do -- E/S.					
Side face					
4.00 x	4.00	0.60			= 9.60 m ²
Top face					
2.00 x	4.00	6.15			= 49.20 m ²
Front face					
4.00 x	0.40	0.60			= 0.96 m ²
Continuation					59.76 m ²

Scanned with CamScanner