

For filling up the form in the following manner

Schedule XLV-Form No. 134

સાચી રીતે પૂરવું

સરકારી ક્ષેત્રો અને ગ્રામીણ ક્ષેત્રો DIVISION

સરકારી ક્ષેત્રો અને ગ્રામીણ ક્ષેત્રો SUB-DIVISION

મમગસ્ય(સેન.)

Measurement Book

N 2251

સરકારી ક્ષેત્રો

SLNo.	CH.	Area	Mean Area	Distance	Volume
1	0	1.309	0.655		
2	50	1.362	1.336	50	66.775
3	100	1.658	1.51	50	75.5
4	150	1.426	1.542	50	77.1
5	200	1.555	1.491	50	74.525
6	250	1.649	1.602	50	80.1
7	300	2.262	1.956	50	97.775
8	350	1.593	1.928	50	96.375
9	400	1.748	1.671	50	83.525
10	450	1.335	1.542	50	77.075

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11	500	1.435	1.515	50	75.75
12	550	1.662	1.675	50	83.325
13	600	1.538	1.63	50	81.5
14	650	1.864	1.731	50	86.50
15	700	1.735	1.802	50	90.55 50.675
16	765	1.608	1.674	65	108.778
				Total =	1255.328
Deduction -				458 =	118.06
				4803 =	215.12
				FCC =	459
				Net =	463.147

(2 1/2) P/s 2 Fixing of working
benchmark pillar

(a) working benchmark

$$Qty = 0.115 \text{ km}$$

(b) Reference pillar

$$Qty = 0.115 \text{ km}$$

(2/3) clearing & grubbing

Road Land etc.

$$2 \times 115 \text{ m} \times 3.5 \text{ m} = 805 \text{ m}^2$$

$$805 / 10000 = 0.0805 \text{ Ha}$$

$$Qty = 0.08 \text{ Ha}$$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/4) Excavation for Roadway in soil using Manual Means etc					
					$2 \times 16.5 \text{ m} \times 0.375 \times 0.1 \text{ m} = 12.37 \text{ m}^3$
(4/5) Constr. of embankment with material obtained from borrow pit etc					
1000m Length					
					$Q_{ty} = 228.46 \text{ m}^3$
(5/6) Constr. of Subgrade 2 earthen shoulder etc					
					$Q_{ty} = 234.68 \text{ m}^3$
(6/7) Constr. of granular Sub-base by providing well graded material etc.					
Box cutting					$2 \times 5 \times 30 \text{ m} \times 0.375 \times 0.1 \text{ m} = 11.25 \text{ m}^3$
					$2 \times 15 \text{ m} \times 0.375 \times 0.1 \text{ m} = 1.13 \text{ m}^3$
Full width.					$1 \times 30 \text{ m} \times 3.75 \times 0.1 \text{ m} = 11.25 \text{ m}^3$
					$20 \text{ m} \times 3.75 \times 0.1 \text{ m} = 7.5 \text{ m}^3$
					$Q_{ty} = 31.13 \text{ m}^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/8) P/v, Laying, Spreading 2 Compacting Stone of WBM-3 etc.					
					$7 \times 30m \times 3.75 \times 0.075 = 59.06m^3$
					$5m \times 3.75 \times 0.075 = 1.4m^3$
					<u>Qty = 60.46m³</u>
12-01-21 12-01-21 30					
(8/9) Constr. of un-reinforced Plain cement Concrete Pavement etc.					
					$7 \times 30m \times 3.75 \times 0.16m = 126m^3$
					$5m \times 3.75m \times 0.16m = 3m^3$
13-01-21 13-01-21 30					<u>Qty = 129m³</u>
(9/10/11) Km Stone:- Reinforced Cement Concrete M-15 grade Km Local Stone of stand etc.					
(i) Km Stone :-					
					Qty = 2 No.
(ii) 200m Stone:-					
					Qty = 3 No.

Continuation

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Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(10/12) Boundary Pillar:- Reinforced Cement Concrete M-15 grade boundary pillar etc. Qty = 20 Nos.				
(11/13/14/15) P/v & Fixing of Retro reflective Cautionary Mandatory & Informatory Sign board etc. (i) 600 mm circular Qty = 4 Nos.				
(ii) 900 mm equilateral & triangle Qty = 2 Nos.				
(iii) 600 mm x 450 mm rectangular Qty = 2 Nos.				
(12/16) P/v & Laying of hot applied thermoplastic Compound 2.5 mm thick $2 \times 765m \times 0.1m = 153m^2$ Qty Limit to 150mt				
(13/18) P/v & erecting direction				

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1/2) P/v 2	Fixing of				
working	benchmark				
Pillar					
(a) working benchmark					
0.65 Km	Qty (Prev)				vide TMB P-9
0.115 Km	Qty				vide TMB P-15
0.765 Km					
Qty Limit to 0.750 Km					
@ ₹ 4391=25/Km					₹ 3294=00
(b) Reference Pillar					
0.65 Km	Qty (Prev)				vide TMB P-10
0.115 Km	Qty				vide TMB P-15
0.765 Km					
Qty Limit to 0.750 Km					
@ ₹ 2020=00/Km					₹ 1522=00
(2/3) clearing & grubbing					
Road Land etc.					
0.422 Ha	Qty (Prev)				vide TMB P-10
0.08 Ha	Qty				vide TMB P-15
0.5 Ha	@ ₹ 49739=47/Ha				₹ 24869=00
(3/4) Excavation for Road-					
way in soil using manual					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
means etc.					
33.75 m ³ Qty (Prev) vial TMB P-10					
12.37 m ³ Qty vial TMB P-16					
46.12 m ³					
Qty Limit to 33.75 m ³					
@ ₹ 81 = 20/m ³				2	2741=00
(4/5) Constr. of embankment					
with material obtained					
from borrow pit etc.					
1000 m Load					
Qty vial TMB P-16					
Qty = 228.16 m ³					
@ ₹ 187 = 51/m ³				2	42839=
(5/6) Constr. of Subgrade &					
earthen Shoulder etc.					
Qty vial TMB P-16					
Qty = 234.68 m ³					
@ ₹ 189 = 39/m ³				2	44446=00
(6/7) Constr. of granular Sub-					
base by providing well					
graded material etc.					
Qty - I					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
06.93 m ³	Q14 (Prev)	vide	TMB	P-11	
33.13 m ³	Q14	vide	TMB	P-16	
118.06 m ³	@ ₹ 2689 = 32/m ³				₹ 317572.00
(A/B) P/v, Jazling, spreading					
2 Compacting of WBM-3					
154.66 m ³	Q14 (Prev)	vide	TMB	P-11	
60.46 m ³	Q14	vide	TMB	P-13	
215.12 m ³	@ ₹ 3275 = 45/m ³				₹ 704615.00
(B/C) Constr. of ur-reinforced					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB P-17					
Qty = 3 No.					
@ ₹ 653 = 10 / No.					2039500
(10/12) Boundary pillar:-					
Reinforced cement concrete					
M-15 grade boundary					
pillar etc.					
Qty vide TMB P-18					
Qty = 20 No.					
@ ₹ 540 = 36 / No.					10807200
(11/13/14/15) P/V & Fixing of					
Petro-reflective Concreting,					
Mandatory & Informatory					
Sign board etc.					
(i) 600mm circular:-					
Qty vide TMB P-18					
Qty = 4 No.					
@ ₹ 5624 = 18 / No.					22497200
(ii) 900mm equilateral &					
triangle:-					
Qty vide TMB P-18					
Qty = 2 No.					
@ ₹ 6423 = 70 / No.					12847200

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11i) 600 mm x 450 mm rectangular					
Qty vide TMB P-18					
Qty = 2 No.					
@ ₹ 5469 = 205/No.					₹ 10938.200
(12/16) P/v & Jarring of					
hot applied thermoplastic					
Compound 2.5 mm thickness					
Qty vide TMB P-18					
Qty = 150 m ²					
@ ₹ 947 = 57/m ²					₹ 142136.20
(13/18) P/v & erecting direction					
& place identification					
etc					
Qty vide TMB P-18/19					
Qty = 1 No.					
@ ₹ 3557 = 50/No.					₹ 3558.200
(14/19) P/v & Fixing of typical					
major Informatory Sign					
board with logo etc					
2 No. Qty (Prev) vide TMB P-11/12					
3 No. Qty vide TMB P-19					
5 No. @ ₹ 11820 = 56/No.					₹ 59105.200

Continuation Total = ₹ 510376.20

Material statement

(1)	E/W	$= 340.84 \text{ m}^3$
(2)	S/metal	$= 103.03 \text{ m}^3$
(3)	S/dust	$= 7.47 \text{ m}^3$
(4)	Screening material	$= 14.51 \text{ m}^3$
(5)	S/strip	$= 116.1 \text{ m}^3$
(6)	Coarse Sand	$= 58.05 \text{ m}^3$

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13.04.24
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