

PA-13-XD-3309

Measurement Book

पञ्चमोऽङ्कः

४०११७२७५२

DIVISION

अनुसूचित जाति (अनुसूचित जाति)

104291

SUB-DIVISION

PL-B-VI-3309

Fifth and final bill

23

Sch. XLV-Form No. 134

[illegible]

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Tack coat Providing and applying tack coat with bitumen emulsion RS-1 — do — Area used for tack coat is same as area used for prime coat = 3901.50 m^2 P-(23) item - (3) $\therefore \text{ent} = 3901.50 \text{ m}^2$					
(5) mix seal surface Providing, Laying, and rolling of class graded premix — do — Area used for MSS is same as area used for tack coat P-(24) item - (4) = 3901.50 m^2 $\therefore \text{ent} = 3901.50 \text{ m}^2$					
(6) Boundary pillar Reinforced cement concrete m-15 grade boundary pillar — do — ent 2 12 NO.					
(7) Kilometer stone (i) Km stone — do — ent = 3 NO.					
(ii) 200 m stone — do — ent = 4 NO.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Providing & fixing of retro-reflectivised cautionary, mandatory and informatory sign - do -					
(i) 600 mm equilateral triangle -				ent = 2 NO.	
ii) 600 mm circular -				ent = 1 NO.	
iii) 600 mm x 450 mm rectangular -				ent = 1 NO.	
⑨ Providing & fixing direction and place identification - do -					
(12) 12" x 12" -				ent = 2 NO.	
⑩ Providing and Laying of hot applied Thermoplastic compound - do -					
2 x 34 x 30 x 0.10 =					2.04 m ²
⑪ Providing and fixing of typical informatory sign board with logo - do -					
1.5 m -				ent = 1 NO.	
⑫ Brick masonry work in cement mortar - do -					
2 x 6.0 x 0.40 x 0.60 =					2.88 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Providing PCC m-20 coping on the top of wing wall - do					
	2	6		=	12m
(14) Plastering with cement mortar (1:4)					
- do -					
4 X 6 X 0.60				=	14.40m ²
2 X 6 X 0.40				=	4.80m ²
4 X 0.40 X 0.60				=	0.960
Total					20.160m ²
(15) Painting two coats on new concrete					
surface - do					
(15) Painting two coats on new concrete surface					
- do -					
2 X 3.6 X 3.380				=	24.336m ²
2 X 3.6 X 0.4				=	2.880
4 X 0.70 X 2.780				=	7.784
4 X 0.40 X 0.60				=	0.960
2 X 0.7857 X (0.830)				=	1.083
					39.197
2 X 3.6 X 0.6				=	4.32
Total					39.197m ²
For 2 culvert					
2 X 39.197					
= 78.394m ² out					78.394m ²
Limit to					78.390m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Providing and laying of reinforced cement concrete pipe duct -- do --				ent = 5 m.	
(17) Planting of trees by the road side -- do --				ent = 102 No.	
G Singh 20/03/2022 JE					
(18)					

Material statement					
(1) E/W	=	172.13 m ³			
(2) stone metal	=	7.486 m ³			
(3) stone screening	=	1.484 m ³			
(4) Bitumen emulsion (SS-1)	=	3.299 MT			
(5) Bitumen emulsion (RS-1)	=	1.0701 MT			
(6) Bitumen material	=	7.41285 MT			
(7) Bricks	=	1440 No.			
(8) coarse sand	=	0.925 m ³			
G Singh 20/03/2022 JE					

Continuation

Abstract of cost

28

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars		do			
— — — — —		do			
ent = 1.020 km wide mB					
item - (5) item - (1)					
@ Rs 6071.33/km.2. Rs					61932
2. Clearing & grubbing road					
ent = 0.408 hect P-(5)					
item - (2) @ Rs 51133.76/hect					
					= Rs 208622
(3) Box cutting					
ent = 1071.10 m ³ P-(5)					
item - (3) @ Rs 126.24/m ³					
					= Rs 135202
(4) const. of embankment with approved material					
— — — — —					
ent = 64.26 m P-(5)					
item - (4) @ Rs 88.36/m ³					
					= Rs 5678
(5) const. of embankment					
— — — — —					
ent = 597.570 m ³ P-(6)					
item - (5) @ Rs 184.30					
					= Rs 110132
(6) const. of subgrade & earthen shoulder					
ent = 198.90 m ³ P-(6)					
item - (6) @ +172.13 m ³ P-(23)					
item - (1) = Continuation 3					
@ Rs 210.88/m ³ = Rs					Rs 78242

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑦ const. of granular subbase					
do					
ent = 552.02 m ³	P-⑥				119130
itm - ⑦ @ Rs 3531.92/m ³					
				2 Rs.	1949690
⑧ Earthwork in excavation in found.					
do					
ent = 31.320 m ³	P-⑥				2918
itm - ⑧ @ Rs 294.73/m ³					
				2 Rs.	92302
⑨ Providing m-15 P.C.C. as levelling course					13250
in found. - do					
ent = 4.108 m ³	P-⑥				
itm - ⑨ @ Rs 5534.78/m ³					
				2 Rs.	227372
⑩ Plain reinforced cement concrete in substructure - do					1025191
ent = 30.33 m ³	P-⑦				
itm - ⑩ @ Rs 6200.68/m ³					
				2 Rs.	1880662
⑪ Providing & laying R.C.C. pipe NP-3 - do					
ent = 15 m	P-⑦ itm-⑪				
@ Rs 3188.37/m	2 Rs.				478252

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) WBM gr - III					
ent = 286.875 m ³					
p- (13) item - (1)					
(+) 6.187 m ³ p- (23)					
item - (2) = 293.062 m ³					
unit to 292.610 m ³					
@ Rs 4282.73/m ³ Rs					1253169
(13) Providing & fixing of typical informatory sign board - do					
ent = 2 No. p- (21)					
item - (13) + ent - 1 No.					
= 3 No. @ Rs 9420.31/m					
					2Rs 28260=
(14) Prime coat					
ent = 3901.50 m ² p- (23)					
item - (3) @ Rs 45.58/m ² Rs					177830=
(15) Tack coat					
ent = 3901.50 m ² p- (24)					
item - (4) @ Rs 15.68/m ² Rs					61175=
(16) mix seal surface					
ent = 3901.50 m ² p- (24)					
item - (5) @ Rs 249.12/m ² Rs					971941=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(17) Boundary pillar do					
ant = 12 No.			P - (24)		
itm - (6) @ Rs 512/N					6144 =
(18) kilometer stone					
(i) Km stone					
ant = 3 No.			P - (24)		
itm - 7 (i) @ Rs 2282.62					
				2 Rs	6847 =
(ii) 200 m stone					
ant = 4 No.			P - (24)		
itm - 7 (ii) @ Rs 535.32					
				2 Rs	2541 =
(19) Providing & fixing of retro-reflectors					
do					
(i) 600 mm equilateral triangle ant = 2 No.					
P - (25) itm - 8 (i)					
@ Rs 3582.12/N = Rs					7164 =
(ii) 600 mm circular board					
ant = 1 No.			P - (25)		
itm - 8 (ii)					
@ Rs 4740.23/N = Rs					4740 =
(iii) 600 mm x 450 mm rectangular board					
ant = 1 No.			P - (25)		
itm - 8 (iii) @ Rs 4643.72					4643 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Providing & fixing direction and place identification - do -					
ent = 2 No. P- (25)					
itm - (9) @ Rs 10440.64					
					= Rs 20881 =
(21) Providing and laying of hot applied Thermo plastic compound - do -					
ent = 204 m ² P- (25)					
itm - (10) @ Rs 735.44					
					= Rs 1500292
(22) Providing & fixing of typical informatory sign board - do -					
ent =					
(22) Brick masonry work in cement mortar - do -					
ent = 2.88 m ³ P- (25)					
itm - (22) @ Rs 6548.90					
					= Rs 188602
(23) Providing PCC m-20 - do -					
ent = 12 m P- (26)					
itm - (13) @ Rs 426.82 = Rs 5121 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Plastering with cement mortar					
— do —					
ent = 20.160 m ²				P-(26)	
itm - (14) @ Rs 169.15					
				2 Rs	3410 =
(25) Painting two coats on new concrete surface -- do --					
ent = 78.3909 m ²					
P - (26) itm - (15)					
@ Rs 97.19/m ²				Rs	7618 =
(26) Providing and laying of reinforced cement concrete pipe duct -- do --					
ent = 5m				P - (27)	
itm - (16) @ Rs 837.01/m					
				2 Rs	4185 =
(27) Planting of trees by the road side -- do --					
ent = 102 No.				Page - (27)	
itm - (17) @ Rs 822.26/m ²				Rs	83870 =
				Total Rs	527060 =
Add GST - 12% (+)				Rs	632472 =
Add labour	un	1.1	(+)	Rs	52706 =
Add Sighting fee (+)				Rs	64751 =
C/o Total Rs 6020532 =					

Continuation

6/5/2022
20/5/22
JE

22/3/22

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