

MYPASY NEW SC

1st. 13. NO. 3307

સાચી રીતે જાણવા સુધારાની જરૂર પડે તો સુધારા કરવાની રીત

જોડવા તક, Shedule XLV Form No. 134.

પરિશિષ્ટ 1/2/21

DIVISION

SUB-DIVISION

Measurement Book

1st. 13. NO. 3307

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No. 134
Final Bill

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. Prime coat					
Providing and applying					
primer coat with					
bitumen emulsion (SS-1)					
— do —					
280 $\times 25 \times 3.75 =$					
$28 \times 25 \times 3.75 =$					$2625m^2$
$14 \times 25 \times 3.80 =$					$1330m^2$
$2 \times 25 \times 3.70 =$					$185m^2$
$2 \times 25 \times 3.60 =$					$180m^2$
$2 \times 25 \times 3.50 =$					$175m^2$
$20 \times 3.30 =$					$66m^2$
$15 \times 3.20 =$					$48m^2$
$15 \times 3.0 =$					$45m^2$
Total					$4654m^2$

④ Tack coat

Providing and applying
tack coat with (RS-1)
— do —

Area used for tack
coat is same as area
used for prime coat
item - ③ Page - ④⑤
 $= 4654m^2$

$\therefore \text{ent} = 4654m^2$

⑤ mix seal surface

Providing, laying.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
rolling of class-graded					
premix - - do - -					
28X25X3.75 =					2625 m ²
14X25X3.80 =					1330 m ²
2X25X3.70 =					185 m ²
2X25X3.60 =					180 m ²
2X25X3.50 =					175 m ²
20 20 X 3.30 =					66 m ²
15X3.20 =					48 m ²
15X3.0 =					45 m ²
			Total		4654 m ²

⑥ Kilometer stone

- (i) km stone — ant = 1 No.
- (ii) 200 m stone — ant = 6 No.

⑦ Boundary pillar

— do — ant = 80 No.

⑧ Providing & fixing of cautionary, mandatory and informative board

(i) 600 mm circular board

ant = 10 No.

(ii) 900 mm equilateral board

ant = 6 No.

(iii) 600mm X 450mm rectangular board

ant = 4 No.

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑨ Road marking with hot applied Thermo- plastic compound do					
$2 \times 1640 \times 0.1 =$				ent =	$328 m^2$
⑩ Planting of trees by the road side					
				ent =	94 No.
⑪ Direction & Place identification sign do					
				ent =	1 No.
⑫ Providing & fixing of typical masonry informatory signboard do				ent =	6 No.
H.P. culvert ⑬ Painting two coats on new concrete surface					
$1 \times 2.5 \times 2 \times 3.60 \times 3.38 =$					$60.840 m^2$ 182
for 3 no. of H.P. culvert					
$3 \times 60.840 =$					$182.52 m^2$
Recculvert ⑭ Earthwork in excavation do					
$2 \times 9.3 \times 2.4 \times 1.8 =$					$80.352 m^3$
$1 \times 7.70 \times 1.20 \times 0.250 =$					$2.310 m^3$
				Total	$82.662 m^3$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) Sand filling in foundation do					
		7.70 X	2.625 X	0.10 =	2.021 m ³
(16) Providing PCC m/s concrete for plain concrete in open foundation do					
	2 X	9.3 X	2.4 X	0.20 =	8.928 m ³
	1 X	7.70 X	2.734 X	0.15 =	3.158 m ³
			Total		12.086 m ³
(17) Brick masonry work in cement mortar in foundation do					
	2 X	8.40 X	1.850 X	1.60 =	49.728 m ³
(18) Brick masonry work in cement mortar in substructure do					
	2 X	7.50 X	1.0 X	1.8 =	27 m ³
(19) Plain/reinforced cement concrete m-20 in substructure do					
	2 X	7.5 X	0.70 X	0.20 =	2.10 m ³
	2 X	7.5 X	0.40 X	0.30 =	1.80 m ³
			Total		3.90 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) RCC m-25 in Deck-slab - - do - -					
7.50 X 3.560 X 0.30 =					8.010m ³
(21) Supplying fitting and placing HYSD bar reinforcement in super-structure - - do - -					
3.90 X 45 =					175.50kg
8.010 X 105 =					841.050kg
Total					1016.550kg
=					1.017MT
(22) Brick masonry work in cement mortar in parapet - - do - -					
2 X 4.30 X 1.0 X 0.40 =					3.44m ³
(23) Plastering with cement mortar - - do - -					
2 X 7.50 X 1.80 =					27.0m ²
4 X 4.3 X 1.0 =					17.20m ²
2 X 4.3 X 0.40 =					3.44m ²
4 X 1.0 X 0.40 =					1.60m ²
Total					49.24m ²
(24) Providing 1.5mm cement punning - - do - -					
4 X 4.3 X 1.0 =					17.20m ²
2 X 4.3 X 0.40 =					3.44m ²
4 X 1.0 X 0.40 =					1.60m ²
Total					22.24m ²

Continuation

Abstract of cost

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Setting out pillars					
do					
(A) working bench mark pillars					
do					
vide TMB					
P-33 item-1(A)					= Rs 6098 =
ant = 1.650 Km P-33					
item-1(A) @ Rs 3695.91					
					= Rs 6098 =
(B) Reference pillars					
do					
ant = 1.650 Km P-33					
item-1(B) @ Rs 1708.52					
					= Rs 2819 =
2. clearing and grubbing					
road land - do -					
ant = 1.16 hectare P-34					
item-2 @ Rs 51133.76/h					
					= Rs 59315 =
(3) Dismantling of existing					
brick structure - do -					
ant = 69.32 m ³ P-34					
item-3 @ Rs 231.77					
					= Rs 16066 =
(4) Dismantling of structure					
cement concrete - do -					
ant = 2.40 m ³ P-34					
item-4 @ Rs 477.18/m ³					
					= Rs 1145 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Removing all types of hume pipe - - do - -					
ent = 20 m P-(34)					
item - (5) @ Rs 176.53					
				= Rs	3531 =
(6) Earthwork in excavation for found - - do - -					
ent = 46.986 m ³ P-(34)					
item - (6) @ Rs 272.01/m ³					
				2 Rs	12780 =
(7) Providing m-15 pcc concrete as levelling					
course in found do - -					
ent = 8.538 m ³ P-(35)					
item - (7) @ Rs 5696.97					
				2 Rs	48641 =
(8) Brick masonry work in head wall - do -					
ent = 41.607 m ³ P-(35)					
item - (8) @ Rs 5364.34					
				= Rs	223194 =
(9) Providing & laying Rcc pipe NP-3 - - do - -					
ent = 22.50 m P-(35)					
item - (9) @ Rs 2533.43					
				= Rs	57002 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Plastering with cement mortar on brick work - do -					
ent = 115.43 m ³ P- (35)					
item - (10) @ Rs 145.95					
				= Rs	16847 =
(11) Providing 1.5 mm cement punning - do -					
ent = 27.36 m ² P- (35)					
item - (11) @ Rs 46.28					
				= Rs	1266 =
(12) Box cutting - do -					
ent = 160.50 m ³ P- (36)					
item - (12) @ Rs 74.16					
				= Rs	11902 =
(13) const. of embankment with material - do -					
(A) For 1000 m lead					
ent = 96.31 m ³ P- (36)					
item - 13(A) @ Rs 175.22					
				= Rs	16875 =
(B) For 100 m lead					
ent = 474.58 m ³					
P- (36) item - 13(B)					
@ Rs 141.14/m				= Rs	66982 =

Continuation

5444632

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) const. of subgrade & earthen shoulder					
— do —					
amt = 690 m ³ P- (36)					
itm - (14) (+) amt = 388.31 m ³					
P- (39) itm - (1)					
= 690 + 388.31					
= 1078.31 m ³ @ Rs 176.86					
				= Rs	190710 =
(15) const. of granular subbase					
— do —					
amt = 676.65 m ³ P- (37)					
itm - (15) @ Rs 3167.09/m ³					
				= Rs	2143011 =
(16) WBM gr - III					
— do —					
amt = 444.262 m ³ P- (37)					
itm - (16) + amt = 14.062 m ³					
P- (39) itm - (2)					
= 444.262 m ³ + 14.062 m ³					
= 458.324 m ³ P- (37)					
@ Rs 3849.79/m ³					
				= Rs	1764451 =
(17) const. of unreinforced plain cement concrete pavement - do -					
amt = 227.76 m ³ P- (37)					
itm - (17) @ Rs 7223.82					
				= Rs	1645297 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18) Prime coat					
— — do — —					
ent = 4654m ² P- (40)					
item - (3) @ Rs 44.98					
				= Rs	209337=
(19) Tack coat					
— — do — —					
ent = 4654m ² P- (40)					
item - (4) @ Rs 15.29/m ²					
				2 Rs	71160=
(20) mix seal surface					
— — do — —					
ent = 4654m ² P- (41)					
item - (5) @ Rs 235.62					
				2 Rs	1096575=
(21) kilometer stone					
— — do — —					
(i) km stone					
ent = 1 No. P- (41)					
item - 6(i) @ Rs 2290.18					
				= Rs	22902=
(ii) 200 m stone					
ent = 6 No. P- (41)					
item - 6(ii) @ Rs 3651					
@ Rs 608.49/H — — Rs					3651=
(22) Boundary pillar					
— — do — —					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ent = 80 NO. P- (41)					
item - (7) @ Rs 487.64					
					= Rs 39011 =
(23) Providing & fixing of					
cautionary, mandatory					
informatory sign board					
— do —					
ent					
(i) 600 mm circular board					
— do —					
ent = 10 NO. P- (41)					
item - 8 (i) @ Rs 4959.97					
					= Rs 49600 =
(ii) 900 mm equilateral					
triangle board					
— do —					
ent = 6 NO. P- (41)					
item - 23 (i) 8 (ii)					
@ Rs 5457.70 = Rs 32746 =					
(iii) 600 mm x 450 mm					
rectangular board					
— do —					
ent = 4 NO. P- (41)					
item - 8 (iii) @ Rs 4829.78					
					= Rs 19319 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Road marking with hot applied Thermo-plastic compound					
do					
ent = 328 m ² P- (42)					
item - (9) @ Rs 735.44					
				= Rs	241224 =
(25) Planting of trees by the road side					
do					
ent = 94 No. P- (42)					
item - (10) @ Rs 819.92					
				= Rs	77072 =
(26) Direction & place identification sign					
do					
ent = 1 No. P- (42)					
item - (11) @ Rs 3168.84					
				= Rs	3169 =
(27) Providing & fixing of typical masonry informatory signboard					
do					
ent = 6 No. P- (42)					
item - (12) @ Rs 10923.98					
				= Rs	65544 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28) Painting two coats on new concrete surface -- do --					
amt = 182 182.52 m ²					
P- (42) itm- (13)					
@ Rs 98.16			2 Rs		17916 =
RCC culvert					
(29) Earthwork in excavation -- do --					
amt = 82.662 m ³					
P- (42) itm- (14)					
@ Rs 269.32/m ³			Rs		22263 =
(30) Sand filling in fund -- do --					
amt = 2.021 m ³					
P- (43)					
itm- (15) @ Rs 453.20					
			2 Rs		916 =
(31) Providing PCC m-15 concrete for plain concrete in open fund. -- do --					
amt = 12.086 m ³					
P- (43)					
itm- (16) @ Rs 5640.56					
			Rs		68172 =
(32) Brick masonry work in fund -- do --					
amt = 49.728 m ³					
P- (43) itm- (17)					
@ Rs 5085.95 = Rs 252914 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ent = 3.44 m ³			P-	(44)	
itm - (22) @ Rs			5278.78		
			= Rs		18159 =
(38) Plastering with cement mortar					
do					
ent = 49.24 m ²			P-	(44)	
itm - (23) @ Rs			144.50		
			= Rs		7115 =
(39) Providing 1.5 mm cement punning					
do					
ent = 22.24 m ²					
P- (44)			itm - (24)		
@ Rs 45.82			= Rs		1019 =
(40) Providing and laying of a reinforced cement concrete					
do					
ent = 30 Rm			P-	(45)	
itm - (25) @ Rs			793.43		
			= Rs		23803 =
			Total Rs		8887767 =
Add GST - 12% (+) Rs					1066532 =
Add labourers 1% (+) Rs					88878 =
Add Seigniorage fee (+) Rs					95432 =
			Total Rs		10138609 =
Less 0.5% of total as per agreement (-) Rs					51707 =
C/o			Total Rs		10086902 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F Rs		10086902
					/
			Total Rs		10086902
Less previous bill amount			Rs		6991991
			Total Rs		3094911
21/10/22 JE			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		
			21/10/22 RE		

Material statement

①	E/W =	8470.972 m ³
②	stone metal =	38.646 m ³
③	stone screening =	3.374 m ³
④	Bitumen emulsion (RS-1) =	1.276 MT
⑤	Bitumen emulsion (SS-1) =	3.935 MT
⑥	Bitumen material VG-10 =	8.842 MT
⑦	crushed stone metal =	125.658 m ³
⑧	coarse sand =	31.219 m ³
⑨	Bricks =	40084 NO.

P. T. O

Continuation

P. T. O