PWD Road to Bhagwa

MM1654

270

MM1654

Schedule XLV-Form No.-134

Bagwa DIVISION

Piprasi SUB-DIVISION

Sirsa

MEASUREMENT BOOK

270

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w- Const. of road from PWD road to Bhagwa					
Agency - Suraj Kumar Kushwaha					
Agg. No - 06/SBD - 2019-20					
Date of commencement - 30.08.2019					
Date of comp - 29.08.2020					
Actual Date of comp - 09.6.2020					
Date of Entry - 09.06.2020					
9) ~~Const of Road~~. P/V, laying, spreading & compacting WBM G-3 ——do—— ——do—— comp					
	9m	$\frac{8+3.75}{2} - 3.75m$		0.075m	$= 1.43\ m^3$
	19m	3.75m		0.075m	$= 5.34\ m^3$
					$6.77\ m^3$
2/10) P/V & laying Prime coat (SS-1) ——do—— ——do——					
	9m	$\frac{8m+3.75}{2} - 3.75m$			$= 19.12\ m^2$
	19m	3.75m			$= 71.25\ m^2$
					$90.37\ m^2$
3/11) P/V & laying tack coat (RS-1) ——do—— ——do—— comp					
Qnty same as above					$= 90.37\ m^2$

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/12) P/L. laying & rolling mix seal surface do — all comp					
Qnty same as item (3/11) = 90.37 m²					
5/13) const. of pcc m30 grade do — all comp					
5m X [(7+3.75)/2 − 3.75] m X 0.160m = 1.3 m³					
~~6/16) Painting two coats including primer coat do — all~~					
~~7X2X3.10m X 1.80m = 78.12 m²~~					
~~7X4 X 0.600m X 2.5m = 42 m²~~					
~~7X4X 0.600m X 0.300m = 5.04 m²~~					
~~7X2X2.5m X 0.300m = 10.50 m²~~					
6/16) Painting two coats including primer coat do — all comp					
6X4X 0.400m X 0.300m = 2.88 m²					
6X2X 6m X 1.0m = 72 m²					
6X4X 0.600m X 1.5m = 21.6 m²					
6X4X 0.600m X 0.300m = 4.32 m²					
6X2X 1.5m X 0.300m = 5.4 m²					
6X4X 1.4m X 0.600m = 20.16 m²					
					126.36 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
7/18) S/V & laying of Hot applied thermoplastic compound.					
—do—					—all—
2 X 30m X 0.100m = 6 m²					
2 X 20m X 0.100m = 4 m²					
					10 m²
8/22) 600mm equilateral triangle					
—do—					—all— comp
Qnty = 18 Nos					
9/27) Excn in excavation for foundation					
—do—					—all—
6 X 4 X 3.75m X 1.0m X 0.900m = 81.0 m³					
10/33) S/V & laying boulder apron for bed					
—do—					—all—
6 X 4 X 3.75m X 1.0m X 0.600m = 54 m³					
11/7) laying bricks soling layer on prepared					
—do—					—all—
2 X 30m X 0.375m = 22.50 m²					
2 X 20m X 0.375m = 15.0 m²					
					37.50 m²

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
12) Const. of Embankment				
CH	Area m^2	mean Area m^2	distance (m)	volume m^3
0	1.368	—	—	—
50	1.371	1.370	50	68.475
100	1.149	1.260	50	63.00
150	1.678	1.414	50	70.675
200	3.139	2.409	50	120.425
250	3.097	3.118	50	155.900
300	2.58	2.839	50	141.925
350	2.896	2.738	50	136.900
400	3.41	3.153	50	157.650
450	2.661	3.036	50	151.775
500	2.974	2.818	50	140.875
550	2.74	2.857	50	142.85
600	2.73	2.735	50	136.75
650	2.632	2.681	50	134.05
700	3.465	3.049	50	152.425
750	3.144	3.305	50	165.225
800	3.151	3.148	50	157.375
850	3.087	3.119	50	155.950
900	3.393	3.240	50	162.00
950	2.853	3.123	50	156.150
1000	1.87	2.362	50	118.075
1050	2.315	2.093	50	104.625
1100	2.357	2.336	50	116.800
1150	2.08	2.249	50	110.925
1200	1.825	1.953	50	97.825

Sch. XLV-Form No

CH m	Particulars	Details of actual measurement Area No m²	Mean Area L. m² B.	Distance Dm	Contents of area Volume m³
1250		2·001	1·913	50	95·650
1300		2·728	2·365	50	118·225
1350		2·625	2·677	50	133·825
1400		2·918	2·772	50	138·575
1450		2·903	2·911	50	145·525
1500		2·343	2·625	50	131·150
1550		2·535	2·439	50	121·950
1600		2·299	2·417	50	120·850
1650		2·073	2·186	50	109·300
1700		2·613	2·343	50	117·150
1750		2·124	2·369	50	118·425
1800		2·157	2·138	50	106·875
1850		2·319	2·255	50	111·725
1900		2·578	2·448	50	122·400
1950		2·514	2·546	50	127·300
2000		2·202	2·358	50	117·900
2050		2·398	2·300	50	115·00
2100		1·355	1·877	50	93·625
2150		2·047	1·701	50	85·05
2200		2·889	2·448	50	123·400
2250		2·874	2·882	50	144·075
2300		2·763	2·819	50	140·925
2350		14·046	8·415	50	420·725
2365		1·811	7·939	15	119·078
	Ele Qnty (including crust)				6297·328 m³
	Deduction				
	B.S.S		12·57·47 m³		

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Box cutting	—		240 m³		
PCC	—		30.30 m³		
subgrade	—		2007.953 m³		
WBM G-III	—		670.11 m³		
less Culvert Area	—		54 m³		
			(−) 4259.03 m³		
Net Q/w Qnty =			2038.298 m³		

12/3) Q/w Qnty for 1000m lead

do — —

2038.298 of 30%

30% of 2038.298 m³ = 611.489 m³

13/5) Q/w Qnty for 100m lead

do — —

70% of 2038.298 m³ = 1426.808 m³

14/23) P/W & laying 300mm ϕ H.P

do — —

8 × 7.5 m = 60m
(3 × 2.5m)

09/6/2021
JE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1 1(i)	const. of reference Pillar & Bench mark				
	do			do	
	@RS 13637.90/Km	QVTMBP(30) = 2.365Km			RS 32254.00
2 1(ii)	const. of reference Pillar	do		do	
	@RS 14962.30/Km	QVTMBP(30) = 2.365Km			RS 35386.00
3 2	clearing & grubbing road land	do		do	
	@RS 49809.17/Hect	QVTMBP(30) = 0.71 Hect			RS 35364.00
4 3	const. of Embankment for 1000m lead	do		do	
	@RS 187.92/m³	QVTMBP(42) = 611.489m³			114911.00 RS 10966 do
5 5	const. of Embankment for 100m lead	do		do	
	@RS 43.08/m³	QVTMBP(42) = 1426.808m³			RS 204148.00
6 4	const. of subgrade & S/shoulder	do		do	
	@RS 189.80/m³	QVTMBP(41) = 2007.953m³			RS 381109.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7/6) Excavation for road cutting — do — all					
QVTMBP(31) = 240 m³					
@ Rs 82.01/m³ — Rs 19682.00					
8/2) Const. of R.C.B with grade I — do — all					
QVTMBP(31) = 1256.67 m³					
@ Rs 4178.27/m³ — Rs 5250707.00					
9/39) S/F/P Hyd bale — do — all					
QVTMBP(31) = 6.01 m³					
@ Rs 77729.89/m³ — Rs 470577.00					
10/27) F/W in excavation — do — all					
QVTMBP(32) = 103.50 m³					
~~@ Rs 285.71/m³ — Rs 29571.00~~					
QVTMBP(39) = 81.00 m³					
184.50 m³					
@ Rs 285.71/m³ — Rs 52713.00					
11/28) Sand filling in foundation — do — all					
QVTMBP(32) = 10.02 m³					
@ Rs 455.62/m³ — Rs 4565.00					

Continuation

ch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
12/9) P/V PCC M15 grade in found — do — all					
QVTMBP(32) = 15.18 m³					
@Rs 8163.30/m³ — Rs 123919.W					
13/30) P/V PCC M15 grade — do — all					
QVTMBP(32) = 87.84 m³					
@Rs 10222.49/m³ — Rs 897944.W					
14/31) Back filling behind Abut — do — all					
QVTMBP(32) = 43.70 m³					
@Rs 4307.91/m³ — Rs 186102.W					
15/32) P/V Weep hole in structure — do — all					
QVTMBP(32) = 80 Nos					
@Rs 103.60/each — Rs 8204.W					
16/9) const. of WBM Gr-3 — do — all const					
QVTMBP(33) = 663.47 m³					
QVTMBP(37) = 6.77 m³					
670.24 m³					
Limit — 670.11 m³					
@Rs 5164.14/m³ — Rs 3460542.W					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/13) Concrt. of PCC M20 grade — do — all					
QV TM BP (33) =					30 m³
QV TM BP (38) =					1.3 m³
					31.3 m³
Limit – 30.30 m³					
@ Rs 9278.88/m³					Rs 281150.00
18/10) P/V & applying prime coat (SS1) — do — all					
QV TM BP (33) =					8681.25 m²
QV TM BP (37) =					90.37 m²
					8771.62 m²
Limit – 8768.06 m²					
@ Rs 53.03/m²					Rs 464970.00
19/11) P/V & applying tack coat (RS1) — do — all					
QV TM BP (33) =					8681.25 m²
QV TM BP (37) =					90.37 m²
					8771.62 m²
Limit 8768.06 m²					
@ Rs 19.17/m² =					Rs 168084.00
20/12) P/V & levelling mix seal surface — do — all					
QV TM BP (33) =					8681.25 m²
QV TM BP (38) =					90.37 m²
					8771.62 m²
Limit 8768.06 m²					
@ Rs 277.42/m²					Rs 2432435.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
21/12) P/c & laying flat applied thermoplastic					
do			do		
QVTMBP(33) =					463 m²
QVTMBP(39) =					10 m²
					473 m²
@Rs 857.80/m²					Rs 402901.00
22/14(II)) ordinary kilometh stone (precast)					
do			do		
QVTMBP(24) =					3 NOS
@Rs 3104.26/each					Rs 9313.00
23/14(III)) 200mm stone Precast					
do			do		comp
QVTMBP(34) =					9 NOS
@Rs 795.33/each					Rs 7158.00
24/15) RCC M15 grade boundary pillar					
do			do		comp
QVTMBP(34) =					47 NOS
@Rs 595.75/each					Rs 28000.00
25/20) P/c & laying of typical MMBSY information					
do			do		comp
QVTMBP(34) =					3 NOS
@Rs 11929.13/each					Rs 35787.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
26/21) P/V & fixing marble Board — do — all					
QVTMBP(34) = 2 Nos					
@ Rs 11929.13/each — Rs 23858.00					
27/22(i)) 600mm equilateral triangle — do — all					
QVTMBP(34) = 6 Nos					
QVTMBP(39) = 18 Nos					
24 Nos					
@ Rs 4201.18/each — Rs 100828.00					
28/22(iii)) 600mm X 450mm rectangular — do — all					
QVTMBP(35) = 2 Nos					
@ Rs 4787.92/each — Rs 9576.00					
29/22(iv)) 900mm side octagon — do — all					
QVTMBP(35) = 2 Nos					
@ Rs 8936.60/each — Rs 17873.00					
30/16) Painting two coat including polishing wood — do — all					
QVTMBP(38) = 126.36 m²					
@ Rs 108.98/m² — Rs 13771.00					
31/33) P/V & laying boulder apron — do — all					
QVTMBP(39) = 54 m³					
@ Rs 5107.82/m³ — Rs 275822.00					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
22/7 laying bricks soling layer on prepared subgrade					
—do—			—do— comp		
@VTMBP (39) =			37.50 m²		
@Rs 499.47/m²					Rs 18730.00
33/23 P/L & laying 300mm					
Ø H.P —do—			—do—		
@VTMBP (2) =			60m		
@Rs 1013/m					Rs 60780.00
Total -					15627163.00
less 10% below rate					(-) 1562716.00
					14064447.00
less previous Payment					(-) 13500000.00
					Net - 564447.00

09/6/2020
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