

MMUSY

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Schedule XLV-Form No. 134

Cost of Road From Paathmik madhya sadak.
Bachmin to Badshahi.

Agreement No. 25/1830/21-22.

DIVISION

Agreement Value - 1,56,54,239.

SUB-DIVISION

MEASUREMENT BOOK

632

10/4/21.

Imatuddin.

ABSTRACT

32

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① P/A working bench mark pillar — do —					
2 NO. — 8 V.T.B — P — 1/1					
② 4349 = 90/10 — 18					8677.804
③ P/A working reference pillar — do —					
5 NO. — 8 V.T.B — P — 1/2					
④ 2003 = 86/10 — 15					16035 = 30
⑤ Cleaning and grubbing road land — do —					
0.90 HC 8 V.T.B — P — 2/3					
⑥ 52970 = 33/10 — 12					47678 = 30
⑦ Excavation for road near to 80% 25.04 ³ 8 V.T.B — P — 18/1					
⑧ 75 = 57/m ³ — 12					1889 = 25
⑨ Constructing Barbedent with material obtained from borrow — do					
15.04 ³ 8 V.T.B — P — 18/2					
⑩ 26 = 54/m ³ — 18					398 = 10
⑪ Constructing Barbedent with approved material lead 100m — do —					
229.084 ³ 8 V.T.B — P — 18/30(11)					
78.644 ³ — P — 28/10(11)					
307.12m ³ ⑫ 14325 = 14/10 — 12					43936 = 59

Continuation

B - 112632 = 34

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) 6	Const ⁿ of Embankment				
	with approved material				
	Lead 1000m — do —				
861.78 m ³	QVTHB	—	p	18/3(1)	
293.59 m ³	—	—	p	28/1(1)	
1155.37 m ³	① 190207 m ³ — as				219601.77
(8) 5	Const ⁿ of Subgrade and				
	earth shoulder with				
	approved material — do —				
1855.38 m ³	QVTHB	—	p	20/1	
503.78 m ³	—	—	p	21/2	
173.09 m ³	—	—	p	23/2	
50.40 m ³	—	—	p	24/2	
2582.98 m ³	② 191778 m ³ — as				495249.73
(9) 8	Const ⁿ of Granular				
	Sub base Grd with				
	approved material — do —				
59.98 m ³	QVTHB	—	p	20/2	
756.0 m ³	—	—	p	21/1	
815.98 m ³					
856.93 m ³	③ 358898 m ³ — as				2896055.63
(10) 9	Apr W.B. n Gr-10 with				
	Well graded material				
	— do —				
340.712 m ³	QVTHB	—	p	22/1	
	④ 458984 m ³ — as				1563813.57
					L
	Continuation				15 5287352=44

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) 10	Providing applying primer coat (est) with Bitumen Emul.				
3257.25 m ²	QVTAB	P	25/1		
	@ 44 = 90/m ²			145981 = 13	
(12) 11	P/m applying Tack coat (est) with Bitumen Emulsion.				
3257.25 m ²	QVTAB	P	26/1		
	@ 15 = 52/m ²			50459 = 40	
(13) 12	P/m Mix Seal Surface Hos with Bitumen.				
3251.25 m ²	QVTAB	P	28/1		
	@ 280212/m ²			748177 = 65	
(14) 13	Constructing reinforced cement concrete do				
263.16 m ²	QVTAB	P	24/1		
	@ 7610 = 47/m ²			200277 = 30	
(15) 14	Laying Brick soling layer on prepared surface do				
420.04 m ²	QVTAB	P	23/1		
	@ 507 = 59/m ²			213187 = 80	
(16) 15	D/A/A ordinary kar stone do				
3200	QVTAB	P	80/2		
	@ 2419 = 03/m			7257 = 09	

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(15/15)	PP/PF 2000mm	12m	8ft		
	— do —				
5 NO	BUTTB — P —		30/3		
	@ 64/1 = 48/15			18	3207 = 40
(15/16)	PP/PF Logo, Informatr				
	Sign Board — do —				
3 NO	BUTTB — P —		9/4		
1 NO	— — — P —		25/3		
4 NO	@ 9883 = 60/10			18	39534 = 40
(19/19)	Painting New kltan				
	— do —				
176.0	BUTTB — P —		25/4		
	@ 0.254/centu			18	95.04
(20/18)	PP/PF Boundary pillar				
	— do —				
32 NO	BUTTB — P —		27/2		
	@ 523 = 94/100			18	16766 = 08
(21/19)	PP/PF 6000mm square				
	to angle — do —				
12 NO	BUTTB — P —		30/4		
	@ 3807 = 29/15				45687 = 48
(22/19)	PP/PF 6000mm x 4500mm				
	to angle — do —				
8 NO	BUTTB — P —		30/5		
	@ 4906 = 76/15			18	39254 = 08
(23/19)	PP/PF 9000mm octagon				
	to angle — do —				
4 NO	BUTTB — P —		30/6		
	@ 8783 = 87/10			18	35135 = 48

Description	Units of actual measurement				Contents of area
	No	L	B	D	
(21/22) P.V. Road marking in Applied (Photogrammetry)					
169.20m ² — do —					
170.00m ² — do —					
② 721 = 95/102 = 15					122153 = 94
(25/24) P.V. Road marking Not applied — do —					
84.00m ² — do —					
② 844 = 59/102 = 15					68043 = 36 70945 = 56
(26/22) Planting of trees both side of open Area Road — do —					
88 m ² — do —					
② 844 = 59/102 = 15					71790 = 15
(27/23) P.V. in Excavation for foundation — do —					
60.49m ² — do —					
② 279 = 09/102 = 15					16882 = 15
(28/24) P.V. 15 pc in kerber — do —					
9.80m ³ — do —					
② 6181 = 8m ² = 15					60581 = 74
(29/25) P.V. 15 pc in Substructure — do —					
61.582m ³ — do —					
5.904m ³ — do —					
② 7008 = 93/102 = 15					472962 = 59
67.48 m ³ — do —					472962 = 59

Continuation

4 - 9447280 = 60

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(30) 26					
P/P/H RCC R/C					
Hummer p/c — do —					
15.4				4/4	
@ 42.3 = 24/m ²				18	63198 = 60
(31) 29					
Painting on parapet					
Wall — do —					
41.28 m ²				3 1/3	
@ 100 = 26/m ²				18	4159 = 37
(32) 28					
B/H Excavation					
for Foundation —					
115.12 m ³				5/1	
@ 229 = 09/m ³				18	32128 = 84
(33) 29					
P/V pcc 15 do					
on levelling course					
— do —					
8.30 m ³				7/2	
@ 618 = 81/m ³				18	51309 = 02
(34) 30					
P/V pcc 15 do					
Substructure — do —					
2.25 m ³				8/L	
31.15 m ³				7/3	
33.40 m ³				18	227439 = 97
(35) 31					
S/A/H 1530 Bar					
in found — do —					
0.16 MT				5/1	
@ 51826 = 59/MT				18	8292 = 50

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(36) (32)	Plv RCC M 20 10 sub				
	structure — do —				
16.24 m ²	8 V T M B — p — 8/1				
	@ 7008 = 93/m ³ — AS				11385 = 02
(37) (33)	Plv keep top 10				
	SBT, Plv — do —				
36 m ²	8 V T M B — p — 9/3				
	@ 112 = 01/m — B				4032 = 86
(38) (34)	Plv RCC M 25 10 sub				
	structure — do —				
4.86 m ²	8 V T M B — p — 6/2				
7.84 m ²	— — — p — 7/2				
12.70 m ²					
12.53 m ²	@ 7647 = 14/m ² — AS				95845 = 72
(39) (35)	SFAA keep SD Bannin				
	substructure — do —				
0.55 m ²	8 V T M B — p — 6/1				
0.61 m ²	— — — p — 7/1				
1.23 m ²	@ 51972 = 58/m ² — AS				63926 = 27
(40) (36)	Back filling Behind				
	ring wall and a/w				
32.98 m ²	8 V T M B — p — 9/5				
	@ 752 = 08/m ³ — AS				24803 = 60
(41) (37)	Plv laying filter				
	media — do —				
22.8 m ²	8 V T M B — p — 9/4				
	@ 3852 = 36 m ² — AS				88151 = 15
	AS — 10224391 = 02				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(42/38) P.V. and laying Rec 730 in Super Structure wire — do —					
5.29 m ³ @ V.T.H.B. — P — 8/1					
@ 8225 = 87/10 ³ — 18					43514 = 85
(43/39) 8/16 Lysd Bar in Super Structure — do —					
0.45 m ³ @ V.T.H.B. — P — 8/2					
@ 53102 = 50/MT — 18					23896 = 13
(44/40) P.V. 420 pce for parapet construction — do					
1.20 m ³ @ V.T.H.B. — P — 9/6					
@ 7008.95/mt — 18					8410.72
(45/41) painting on parapet wall for culvert — do					
8.96 m ² @ V.T.H.B. — P — 3 1/4					
@ 100 = 76/10 ² — 12					902.81
(46/42) P.V. Drainage about as per drawing — do					
4 m ³ @ V.T.H.B. — P — 9/2					
@ 422 = 26/10 ² — 12					1689 = 04
(47/43) B.W. in Excavation on foundation — do					
183-83 m ³ @ V.T.H.B. — P — 10/1					
@ 229 = 29/10 ³ — 18					51305 = 11

Continuation

18 - 10354109 = 68

Particulars	Details of actual measurement				Contents of area
	No.	L.	B	D.	
$\frac{48}{44}$ P/V pcc 4/15 for open foundation do —					
16.08 m ³ Q.V.T.H.B. p — 10 1/2					
$\frac{48}{45}$ @ 6181 = 81/10 ³ — AS 99403 = 50					
P/V pcc 4/20 for open foundation do —					
63.19 m ³ Q.V.T.H.B. p — 11 1/2					
5.40 m ³ — p — 11 1/1					
68.59 m ³					
@ 6809 = 58/10 ³ — AS 46700 = 0					
$\frac{50}{46}$ S.P.H.F. 14/20 Barr in open found. do.					
0.38 m ³ Q.V.T.H.B. p — 11 1/1					
@ 51826 = 59/MT — AS 19694 = 10					
$\frac{51}{47}$ P/V pcc 4/20 for substructure do —					
55.62 m ³ Q.V.T.H.B. p — 13 1/2					
@ 7008 = 93/10 ³ — AS 389836 = 68					
$\frac{52}{48}$ P/V Neop. Ropes for A.B.T. / R.R.W. do —					
54 m Q.V.T.H.B. p — 14 1/1					
@ 112 = 0.1/10 — AS 6048 = 54					
$\frac{53}{49}$ P/V R.C.C. 4/25 for Sub structure do.					
44.10 m ³ Q.V.T.H.B. p — 13 1/1					
@ 7849 = 14/10 ³ — AS 337327 = 07					

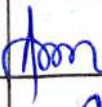
Continuation 11673470 = 57

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(54/50) S/A type Barrier					
Superstructure do					
4.13 MT	Q.V.T.M.B-P-			12/1	
	@ 51972 = 58/MT			18	214646 = 26
(55/51) P.V. Backfilling					
Behind abutment					
C/W — do —					
70.00 MT ³	Q.V.T.M.B-P-			15/2	
	@ 752 = 08/MT ³			18	90257 = 12
(56/52) P.V. filter media					
Side Abt as C/W					
48.43 MT ³	Q.V.T.M.B-P-			15/2	
	@ 3852 = 26/MT ³			18	186589 = 17
(57/53) P.V. R.C.C. 450 mm					
Super structure					
do —					
20.25 MT ³	Q.V.T.M.B-P-			14/1	
	@ 8225 = 89/MT ³			18	166573 = 87
(58/54) S/A type Barrier					
Super structure do					
1.72 MT	Q.V.T.M.B-P-			13	
	@ 53102 = 50/MT ³			18	91336 = 30
(59/55) P.V. Rect. for					
parapet length do					
2.88 MT ³	Q.V.T.M.B-P-			15/3	
	@ 7008 = 95/MT ³			18	20185 = 72

Continuation 18-12443009-51

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5.04 m ³	Or TMB	—	p	8/2	
	② 1128 = 62/m ³	—	18		5688 = 24
(69/63)	Disinfecting cement				
	mortar — do —				
24.35 m ³	Or TMB	—	p	8/3	
	② 235 = 98/m ³	—	18		5840.57
			13		12698554 = 93
	Add G. ST @ 12%	—	18		1523826 = 59
	Add L. C. @ 1%	—	18		126985 = 55
			18		14349367 = 07
	Add Self insurance fee 10%				(A)
	E/W	—			5090 = 93
	Subgrade/shoulder	—			8991 = 35
	G.S.B	—			45770 = 23
	N.B.Y	—			24337 = 06
	M.S.S	—			4594 = 34
	P.C.C	—			15865 = 94
	Hard Shoulder	—			14925 = 96
	P.C.C 1/15	—			2144 = 51
	P.C.C 1/20	—			6069 = 40
	P.C.C 1/30	—			8365 = 51
	R.C.C 1/15	—			3661 = 30
	R.C.C 1/30	—			2413 = 82
	N.P.C.C 1/20	—			1813
			13		141581 = 48
					(B)
Total (A+B) = (14349367 = 07 + 141581 = 48)					
Continuation					13 = 14490948 = 55

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					6P - AS 14490948:55
					less 0.75% as per Agg- 36227=37
					AS - 14454721:18
					Net payable from AS - 14454721:00
					 3/06/22 ✓  9/4/22 ✓

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					6P - AS 14490948=55
					less 0.75% as per Agg- 36227=37
					AS - 14454721=18
					Net payable from AS - 14454721=00
					<i>(Signature)</i> 3/06/22 ✓
					<i>(Signature)</i> 9/4/22 ✓