

MAA JAWPLA ENTER

SH CHITRA

ADB

MB No: 2813

Schedule XLV-Form No. 134

RWD WORKS DIVISION

RWD WORKS SUB-DIVISION

SH CHITRA

MEASUREMENT BOOK

MB No: 2813

	M. P. Cement	D.M.S.	
(1)	Earth work in excavating foundation — do — do —		
2x	6.450 x 1.400 x 1.52	27.090	
1x	4.850 x 1.520 x 0.265	2.708	
	Net B.M.	29.800	
(2)	Paving w.s (see 1.2.5.5) as levelling course — do — do —		
2x	6.450 x 1.4 x 0.150	2.209	
1	x 4.777 x 1.520 x 0.265	1.886	

Continuation

ation
New City - 4.6 m

Abstract of Cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) Providing & fixing of working benchmark					
① benchmark pillar of					
	Nos	per	Km		
wp ②5	100	100 =	0.4 Nos		
	@	4344.86 / each Rs			17379.00
② Reference pillar of					
	Rs	Km			
wp ③5	100	100 =	2.15 Nos		
	@	1980 = 97 / each Rs			29714.200
2) cleaning and grubbing Road land					
wp ③5	100	100 =	2.67 Hare		
	@	52986 = 72 / Hare Rs			14142 / 200
③ construction of embankment with exposed masonry obtained from borrow pits with up to 100 m					
wp ⑥6	100	100 =	7531.584 m ³		
	@	142 = 05 / m ³ Rs			1077295.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) construction of embankment					
At-6 with approved					
with a lead upto					
1000 m as per					
— do — do — E/P					
VP (62) ider (13) =		402.5	42 m		
@		190204/m ³	14		76499200
(5) construction of sub grade					
At-7 and center shoulder					
— do — do — E/P					
VP (56) ider (5) =		5871.724	m ³		
VP (60) ider (5) =		2240.385	m ³		
(6) ider (5) =		8112.109	m ³		
@		1912.72	m ³ 14		15,55,254200
(6) Box cutting - Excavation					
At-3 for roadway in soil					
— do — do — E/P					
NP (36) ider (6) =		35.25	m ³		
@		75.57	m ³ 14		266200

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7) 4	Construction of				
	Embankment				
	with Material abtng				
	from Roadway abtng				
	do do				
VP (56)	item (7) =	21.5 m			
	@	26 = 52 / m ² Rs			561 = 00
8) 8	Granular Sub base				
	with well Graded				
	Material				
	do do				

VP (57)	item (8) =	2157.243 m ²			
VP (52)	item (1) =	389.13 m ²			
		2546.373 m ²			
Limit 2540000	@	2842 = 78 / m ² Rs			7221,230 = 00
9) 16	Providing and fixing				
	Logo of mm & Sp				
	Protect do do				
VP (37)	item (9) =	02			
VP (61)	item (10) =	03			
		05 each			
	@	2998 = 68 / each Rs			44993 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10) 46	Earth work in				
	excavating for				
	founder	do	do	E/L	
up (37)	idu (10) =	158.34 m			
	@ 279 =	0.9/m ²			
				R ₄	44191.200
11) 47-48	Providing concrete for				
	plain/reinforced				
	concrete	do	do	do	
up (37)	idu (11) =	18.78 m			
	@ 5331 =	24/m ²		R ₆	62802.20
12) 47-49	supplying fitting				
	and placing HYSB				
	bar	do	do	E/L	
up (38)	idu (12) =	0.025 MT			
	@ 51337 =	0.4/MT			
				R ₄	3850.200
13) 47-48	Providing concrete				
	for plain/reinforced				
	concrete	do	do	do	
	do	do	do	do	
up (38)	idu (13) =	49.80 m			
	@ 5854 =	80/m ²		R ₄	291569.200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14)	Plain / Reinforced				
A7-50	cement concrete in				
	Brk - Str		Pcc	4-20	
	do	do			
VP (38)	Ida (14) = 31.93 m ²				
	@ 6052		295 / m ² R		19327022
15)	Supplying fitting				
S2	and placing H.S.D bar				
VP (38)	Ida (15) = 1.457 MT				
	@ 51482202 / MT R				75011200
16)	Plain / Reinforced				
A7-52	cement concrete				
	Brk Str. 4-15				
	do	do		EL	
VP (39)	Ida (16) = 23.55 m ²				
	@ 6652		24 / m ² R		156691600
17)	Supplying fitting				
A7-57	H.S.D bar do do				
VP (39)	Ida (17) = 0.806 MT				
Unit - 0.800 @	52612		295 / MT		
			R		4209020

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
18)	Providing & laying				
49-56	Reinforced concrete				
	concrete	R.R. M-30			
	—	do	do	E/2	
VP (39)	idea (18) =	9.39 m			
	@	72/4 = 02	m ³		
			R _r	67740 = 00	
19)	Parapet construction				
49-58	plain / Reinforced				
	current concrete				
	M-20	do	do	E/2	
VP (39)	idea (19) =	1.824 m			
	@	6052 = 95	m ³ R _r	11041200	
20)	Backfilling below				
49-54	abutment	do	do		
VP (40)	idea (20) =	80.41 m			
	@	752 = 208	m ³ R _r	60475 = 00	
21)	Providing and laying				
49-55	filter masonry				
	—	do	do	E/2	
VP (40)	idea (21) =	34.46 m			
	@	2898 = 95	m ³ R _r	99898 = 00	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22) Provide weep holes					
aj-51	—	do	do		
vp (40)	iden (22) 2	60 MP			
	@	111.20 / each	Rs		6672.200
23) Earth work in					
aj-51	excavate	do	do		
vp (40)	iden (23) 2	118.12 m			
	@	279.209 / m ²	Rs		32129.200
24) Provide concrete					
for plain / Reinf					
vp (40)	iden (24) 2	80.30 m ²			
	@	5331.24 / m ²	Rs		44249.200
25) supplying fitting					
58	Placing	MP SP bar			
	do	do			
vp (41)	iden (25) 2	1.127 MT			
	@	514.8320 / MT			
			Rs		58021.200
(26) Plain / Reinf					
aj-51	Cement concrete R.C.C.				
	M-25	do	do		
vp (41)	iden (26) 2	12.49 m ²			
	@	6653.24 / m ²	Rs		83105.200

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) Supplying and placing					
A7-A2 and placing iron					
bar do do					
VP (41) Item (27)			0.37	MT	
@	5261	2.295	/MT		
				R _s	19467.00
(28) Providing and laying					
A7-A1 Reinforced concrete					
Cast RCC slab					
do do					
VP (41) Item (28)			4.35	MT	
@	724	202	/MT	R _s	31380.00
(29) Supplying and placing					
M-25 M/S/D bar do do					
VP (42) Item (29)			0.041	MT	
@	513	37.04	/MT		
				R _s	2105.00
(30) Placing and laying					
A7-35 Cement concrete					
do do do E/E					
VP (42) Item (30)			16.24	m ³	
@ 60	52.95	/m ³	R _s		98299.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
31) 83	frs/dy	concrete			
	for	plam / hand			
	cast	do do			
VP (42)	idu (31)	= 37.40 m			
	@	5854	280/m	Rs	198550.20
32) 86	frs/dy	weep holes			
	do do				
VP (42)	idu (32)	= 36 m			
	@	11220	per m	Rs	405320

33) 84	Back filling	behind			
	about	do do do			
VP (43)	idu (33)	= 32.98 m			
	@	752208	/m	Rs	2480320
34) 40	frs/dy	and	bury		
	filter	media			
	do do				
VP (43)	idu (34)	= 22.88 m			
	@	2898	= 75/m	Rs	66327.20
35) 40	Parput	Construction			
	Plam	hand			
	do do	E/2			

Continuation
 VP (43) idu (35) = 1.20 m
 @ 6052 = 95/m Rs 7264.20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
26)	h-n-m	Gravel	2		
AS-9	—	do	do	El	
VP (43)	idem	(30) 2	959.051 m ²		
VP (53)	idu	(1) 2	163.122 m ²		
Line -	1092	0.99 m	1122.173 m ²		
	(e)	3229	248 m ²	Rs	352978920
(37)	Cement	Concret			
4-13	pavement	4-20			
	—	do	do	El	
VP (44)	idu	(32) 2	672.20 m ²		
VP (59)	idu	(1) 2	12.80 m ²		
			686.00 m ²		
Un 685.44 m ²	(e)	6718	99 m ²	Rs	4605465200
(38)	Prime Coat				
4-10	(Low porosity)				
	—	do	do	El	
VP (54)	idem	(2) 2	10289.08 m ²		
	(e)	43.62	m ²	Rs	44881720
(39)	Tack Coat - Pronday				
4-11	and applying tack				
	coat	—	do	El	
VP (55)	idu	(15) 2	10289.25 m ²		
	(e)	14	92 m ²	Rs	153516200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
40) Mixe Seal Surface					
Ag-12 Type 15 (wett plan)					
		do	do	E/2	
VP (56)	idm (A) =	10289.28 m ²			
	(B)	1952.65 m ²			2013092.20
(41) Hand shouldering					
Ag-14		do	do	E/2	
VP (67)	idm (B) =	520.00 m ²			
	ling	550.10 m ²			
	(C)	550 = 13 m ²			308073.20
42) Kilometer Stone					
Ag-15		do	do	E/2	
(A) Ordinary Kilometer Stone (Prest)					
		do	do		
VP (61)	idm 7(A) =	05 Nos			
	(B)	2187 = 52	1 each		
					10,938.00
(B) 200 M Stone (Prest)					
Ag-15		do	do	E/2	
VP (61)	idm 7(B) =	16 Nos			
	(C)	599 = 11	1 each		9586.20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
43)	Boundary	B'1100r/			
A9-18	Guard	Post			
		do	do	Ek	
VP (62)	ida (9)	96 M			
	@	504 = 22 / each R			4840500
44)	Refro-reflection				
A9-19	Traffic sign				
(i)	600 MM square	Triangle			
VP (62)	ida (4)	24 M			
	@	3543 = 33 / each R			85040 = 00
(ii)	600 mm Circular				
VP (62)	ida 10 (ii)	20 M			
	@	4768 = 19 / each R			14305 = 00
(iii)	600 MM X 450 MM				
	Rectangle				
VP (62)	ida 10 (iii)	2 M			
	@	4662 = 8 / each R			9286 = 00
(iv)	900 mm side				
	Octagon				
VP (62)	ida 10 (iv)	2 M			
	@	8519 = 9 / each R			17040 = 00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(45)	Road Marking				
29-21	width not applied				
	Thermoplastic				
	compound				
	concrete surface				
	do do				
VP (65)	item (62)				
	@	721 = 91/100			38838820
46)	Road Marking				
29-22	width not applied				
	Thermoplastic				
	compound				
	concrete surface				
	do do				
VP (67)	item (62)				
	@	810 = 71/100			181599200
47)	Planting of tree				
29-23	by the road				
	do do				
VP (68)	item (15)				
	@	857 = 70/100			225341200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
48)					
48-30					
NP (67)	ide	(15) =	20.64 m ²		
	@	41 =	28 / m ²	Rs	85202200
49)					
49-44					
NP (67)	ide	(16) =	8.90 m ²		
	@	100 =	76 / m ²	Rs	8976 = 00
50)					
50-59					
NP (67)	NP	(17) =	13.12 m ²		
	@	100 =	76 / m ²	Rs	1322 = 00
(51)					
NP (70)	ide	(18) =	82 m		
	@	962 =	03 / m	Rs	78886200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(52) Earth volume for Ag-26 excavation					
		do	do	1/2	
UP (48) item (1) = 29.800 m ³					
	@	270	09	m ³ ls	8317.00
(53) Bricks w/s Ag-27 (Pce 1:2.585)					
		do	do		
UP (48) item (1) = 4.6 m ³					
	@	533	1024	m ³ ls	24522.00
(54) Plain / Reinforced Ag-28 cement concrete in sub str.					
		do	do		
UP (49) item (1) = 23.740 m ³					
	@	6052	= 95	m ³ ls	204227.00
(55) Bricks and burling Ag-29 Rce. 1:1.2 NP-3 for (22 m ³)					
		do	do		
UP (49) item (2) = 7.30 m ³					
	@	4069	= 63	m ³ ls	20522.00
				Rs	2,443,169.40

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B/p	—	Rs	2,44,31,694.00
Add	12.1	4.5	—	Rs	29,31,803.20
	1.1	1.0	—	Rs	244,317.00
Seigniorage fee				Rs	3,88,970.00
				Rs	2,79,96,784.20
Less	7.2	1.0	—	Rs	20,18,568.20
				Rs	2,59,78,216.00
less previous paym					
		1st	Paym	Rs	8,135,961.20
		2nd	Paym	Rs	10,534,752.20
				Rs	73,07,503.20

Suma Kumari
3/9/22
JE

5/9/22
A.E.

C.P.
05-09-2022