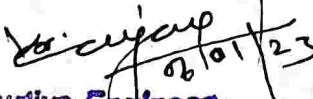


प्रमाणित किया जाता है कि
मापी पुल में मशीन टैंकर 100
पुल है जिसे लक्ष्यक अभियान
R.W.D पताही के परामर्श से
निर्माण किया गया है


Executive Engineer
RWD Works Division
6-1-23

Sch. XLV - Form No. 134

पुल परामर्श DIVISION

पुल परामर्श SUB-DIVISION

Measurement Book

No.

1341

Name _____

Date of first entry _____

Date of last entry _____

Ist on AIC Bill.

Name of Work- **1**

Situation of Work-

Agency by which work is executed-

Date of Measurement-

No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Recon measurement</u>					
Name of work- Const. of Rd. from					
Patahi Sugapipar Rd. to					
Gomati Purbi Joda.					
Name of Agency- Dharmata const.					
Pvt. Ltd.					
C/O - Rajeev Kumar,					
At - S.K. Nayar Motihari,					
Dist. - East Champaran.					
			</		

Continuation

C.D. est. - 3600.00 m²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P. qty.	3600 m^2
	$2 \times 10 \times 30.00 \times 1.00$				$= 600.00$
	$2 \times 2 \times 25.00 \times 1.00$				$= 100.00$
					4300.00 m^2
		$\div 10,000$			$4300 = 0.43 \text{ sec.}$
	R.C. concrete curb - $1 \times 2.00 \times 1.50 \text{ m.}$				
(1) F.W. in exca. in found.					
do - do - E.I.					
	Raff. $1 \times 5.5 \times 6.00 \times 0.83$				$= 27.23 \text{ m}^3$
Detached cut-off - wall -					
	$2 \times 5.5 \times 0.30 \times 1.80$				$= 5.94$
					33.17 m^3
(2) Sand filling in found.					
do - do - E.I.					
	B. Raff. $1 \times 5.50 \times 6.00 \times 0.100$				$= 3.30 \text{ m}^3$
	D.C. off wall $2 \times 6.5 \times 0.30 \times 0.10$				$= 0.33$
					3.63 m^3
(3) P.V. P.C.C. M ₁₅ grade					
in open found. - do E.I.					
	B. Raff. $5.5 \times 6.00 \times 0.10$				$= 3.30 \text{ m}^3$
(4) Reinforcement in found.					
Sub-struct - do E.I.					
Cut-off - wall -					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Ratht.</u>					
I-10 Φ -45		5.90	0.62		164.61
h-10 Φ -40		5.90	0.62		146.32
j-10 Φ -2		30×6.40	0.62		238.08
<u>Abut.</u>					
C-10 Φ -2		45×3.34	0.62		186.37
d-10 Φ -2		32×3.34	0.62		132.53
j-10 Φ -4		10×6.00	0.62		148.80
B-8 Φ -2		41×1.15	0.40		37.72
<u>R/W-</u>					
10 Φ -4		11×2.15	0.62		63.98
10 Φ -4		10×2.15	0.62		53.32
10 Φ -4		$2 \times 10 \times 1.75$	0.62		86.80
					1258.53 kg.
Wastage - 5%					62.93
					1321.46 kg.
⑤ <u>Pr. R.C.C. Mgt in bottom cell</u>					
Content - do-B/I.					
<u>Ratht.</u>		5.50	6.00	0.25	8.25 m^3
<u>Abut.</u>		2×6.00	0.25×1.50		4.50
<u>Heuch</u>		2×0.15	0.075×6.00		0.135
<u>R.Wall</u>		4×1.50	1.75×0.35		3.68
					16.565 m^3
<u>12.2.23.</u>					
<u>J.E.</u>					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ Back Filling behind abut. cor R/W. - do E/I.					
$2 \times 6.00 \times 0.60 \times 1.50 =$					10.80 m^3
$2 \times 0.90 \times 1.50 \times 0.60 =$					1.62 m^3
					12.42 m^3
⑦ Reinforcement in deck slab - do E/I.					
Bottom main reinforcement -					
$10\phi - 6 \times 1 \times 50 \times 2.57 \times 0.83 \text{ kg/m} =$					114.37 kg
Top main reinforcement -					
$10\phi - 1 \times 48 \times 2.57 \times 0.62 \text{ kg/m} =$					76.40 kg
Distribution bar -					
$10\phi - 2 \times 30 \times 6.00 \times 0.62 \text{ kg/m} =$					230.08 kg
Haunch - $2 \times 42 \times 1.15 \times 0.40 \text{ kg/m} =$					38.64 kg
Parapet - $2 \times 5 \times 2.45 \times 0.40 \text{ kg/m} =$					9.80 kg
$2 \times 18 \times 0.55 \times 0.40 \text{ kg/m} =$					7.92 kg
					477.24 kg
Wastage - 5% -					23.86 kg
					501.07 kg
⑧ P.W. R.C.C. Mass in S.S. - do do E/I.					
Deck slab $6.00 \times 2.50 \times 0.25 =$					3.75 m^3
Parapet $2.50 \times 0.25 \times 0.60 =$					0.375 m^3
					4.125 m^3
Box cul - $2 \times 3.00 \times 2.50 \text{ m}$					
⑨ E/W in excn. in found. do E/I.					
Continuation					
Rat. - $11.10 \times 6.00 \times 0.88 =$					58.28 m^3
D.C. of wall - $2 \times 11.10 \times 0.30 \times 1.80 =$					11.99 m^3
					70.27 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Sand filling in open found ⁿ - do - do - E/I.					
B. Raff - 11.10 x 6.10 x 0.100 =					6.66 m ³
D.C. of wall - 2 x 11.1 x 0.30 x 0.100 =					0.67
					7.33 m ³
(11) Plv. P.C. C.M. - grade in open found ⁿ - do - E/I.					
B. Raff - 11.10 x 6.10 x 0.100 =					6.66 m ³
3.2.23.					
J. E.					
(12) Reinforcement in found ⁿ of sub- stone - do - E/I.					

Raff -					
Bottom main - 10 Φ - 46 x 11.4 x 0.62 =					325.13 kg.
Extra bottom - 12 Φ - 71 x 2.10 x 0.89 =					126.38
I					
TOP main - 12 Φ - 50 x 11.40 x 0.89 =					507.30
Distribution - 10 Φ - 2 x 50 x 6.32 x 0.62 =					391.84
Abut. Runch - 8 Φ - 2 x 40 x 1.50 x 0.39 =					70.20
Pier Runch - 8 Φ - 1 x 40 x 2.60 x 0.39 =					40.56
Pier main rein. both side -					
12 Φ - 2 x 40 x 3.42 x 0.89 =					243.50
Distribution - 10 Φ - 2 x 13 x 6.32 x 0.62 =					101.88
Abut. outer - 12 Φ - 2 x 32 x 5.24 x 0.62 =					298.47
Outer main - extra - 10 Φ - 2 x 52 x 5.71 x 0.62 =					174.74
Inner main - 10 Φ - 2 x 30 x 3.42 x 0.62 =					127.22
Distribution - 2 x 2 x 13 x 6.32 x 0.62 =					203.76
R/W -					
Inner main - 12 Φ - 2 x 4 x 12 x 3.2 x 0.89 =					247.41
Outer main - 10 Φ - 2 x 4 x 12 x 3.2 x 0.62 =					190.46
Distribution - 2 x 4 x 10 x 2.4 x 0.62 =					119.04

Continuation

Waistage - 5%

3167.89 kg.

158.39 "

3326.28 kg.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) PIV. R.C.C. Mass in box call do E.I.					
Raft -	11.70	$\times 6.00$	$\times 0.30$		$= 19.98 m^3$
Abut. -	2 $\times 2.50$	$\times 6.00$	$\times 0.40$		$= 12.00 m^3$
Pier -	1 $\times 2.50$	$\times 6.00$	$\times 0.30$		$= 4.50 m^3$
Humch -	2 $\times 0.15$	$\times 0.075$	$\times 6.00$		$= 0.135 m^3$
R.Wall -	4 $\times 2.00$	$\times 2.80$	$\times 0.30$		$= 7.68 m^3$
					$44.458 m^3$
Ans.					
16.3.23.					
J. E.					
(14) Back filling behind abut.					
R.W. - do - E.I.					

Continuation

C.O. Qty. - 19.72 m³

19.02

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$8.6 \text{ sq.} - 19.72 \text{ m}^3$
	2x	3.87	x 1.84	x 0.10	= 1.42
	2x	1.85	x 1.0	x 0.10	= 0.37
	2x	1.25	x 0.70	x 0.10	= 0.18
	2x	0.97	x 0.80	x 0.10	= 0.16
	3x	4.50	x 2.10	x 0.10	= 2.84
	1x	3.50	x 1.90	x 0.10	= 0.67
	2x	6.90	x 2.30	x 0.10	= 3.17
	1x	6.00	x 2.10	x 0.10	= 1.26
	2x	5.60	x 1.9	x 0.10	= 2.18
	1x	4.80	x 1.94	x 0.10	= 0.93
	3x	4.60	x 1.50	x 0.10	= 2.07
	2x	4.20	x 1.5	x 0.10	= 1.28
	2x	5.90	x 2.48	x 0.10	= 2.93
	1x	2x30	100 x 4.05	x 0.10	= 24.30
	1x	20.00	x 4.05	x 0.10	= 8.10
	2x	2.77	x 1.75	x 0.10	= 0.97
	1x	2.94	x 1.91	x 0.10	= 0.56
	1x	2.05	x 1.00	x 0.10	= 0.21
	1x	2.52	x 1.28	x 0.10	= 0.32
	1x	4.00	x 2.14	x 0.10	= 0.86
	2x	3.80	x 1.20	x 0.10	= 0.91
					75.41 m^3
					74.71
	25.3	23			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14 Pts. laying, spreading on					
compactly stone Aggregate					
— do — do —					
3 x 5.36 x 2.15 x 0.075 =					9.59 m ³
3 x 5.09 x 2.15 x 0.075 =					2.46
3 x 4.87 x 2.45 x 0.075 =					2.68
3 x 4.56 x 2.05 x 0.075 =					2.10
3 x 5.30 x 2.55 x 0.075 =					3.04
3 x 5.59 x 2.06 x 0.075 =					2.59
3 x 5.50 x 2.20 x 0.075 =					2.72
5 x 5.90 x 2.35 x 0.075 =					5.20
5 x 5.79 x 1.75 x 0.075 =					3.80
5 x 6.22 x 2.65 x 0.075 =					6.18
4 x 5.10 x 2.45 x 0.075 =					3.68
3 x 4.52 x 2.17 x 0.075 =					2.21
5 x 4.91 x 2.38 x 0.075 =					4.38
1 x 5.13 x 2.58 x 0.075 =					0.99
2 x 4.22 x 1.69 x 0.075 =					1.07
1 x 4.68 x 2.14 x 0.075 =					0.75
2 x 3.70 x 1.68 x 0.075 =					0.93
1 x 3.50 x 1.44 x 0.075 =					0.38
2 x 4.02 x 1.99 x 0.075 =					1.20
2 x 2.92 x 1.90 x 0.075 =					0.83
1 x 3.09 x 2.06 x 0.075 =					0.48
3 x 4.50 x 2.25 x 0.075 =					2.28

Continuation

C.C. 51. - 52.54 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.S. 54-5		2.54 m ³
1x	3.65	x 2.0	5x 0.075		0.56
2x	7.05	x 2.0	45x 0.075		2.59
1x	6.15	x 2.0	25x 0.075		1.04
2x	5.75	x 2.0	10x 0.075		1.81
3x	4.95	x 2.0	29x 0.075		2.33
3x	4.75	x 1.65	x 0.075		1.76
2x	4.35	x 1.67	x 0.075		1.09
1x	1.45	x 1.03	x 0.075		0.12
2x	1.35	x 0.70	x 0.075		0.14
1x	2.75	x 0.95	x 0.075		0.20
1x	1.85	x 1.35	x 0.075		0.19
1x	3.05	x 0.9	5x 0.075		0.92
1x	7.95	x 2.09	x 0.075		1.95
2x	5.15	x 2.50	x 0.075		1.93
3x	3.35	x 2.40	x 0.075		1.81
2x	6.05	x 2.29	x 0.075		2.08
1x	7.65	x 1.95	x 0.075		1.12
2x	6.05	x 2.63	x 0.075		2.39
3x	2.55	x 1.92	x 0.075		0.70
2x	30.00	x 3.75	x 0.075		16.88
1x	20.00	x 3.75	x 0.075		5.63
					98.35 m ³
					98.38
8.4.23.					
5.6.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) P.V. laying, spreading as compacting stone agg. W.B. m. P.F. III do F.I.					
6x	5.36	x 2.	30x0.	075 =	5.55 m ³
6x	5.24	x 2.	30x0.	075 =	5.42 m ³
6x	5.02	x 2.	60x0.	075 =	5.87 m ³
6x	4.71	x 2.	20x0.	075 =	4.66 m ³
6x	5.45	x 2.	70x0.	075 =	6.62 m ³
6x	5.74	x 2.	21x0.	075 =	5.71 m ³
6x	5.65	x 2.	35x0.	075 =	5.97 m ³
8x	5.94	x 1.9	0x0.	075 =	6.77 m ³
8x	6.05	x 2.50	x 0.075 =		9.08 m ³
7x	6.37	x 2.80	x 0.075 =		9.36 m ³
6x	5.15	x 2.60	x 0.075 =		6.03 m ³
5x	4.67	x 2.32	x 0.075 =		4.06 m ³
7x	5.06	x 2.53	x 0.075 =		6.79 m ³
3x	5.28	x 2.73	x 0.075 =		3.94 m ³
3x	4.37	x 1.84	x 0.075 =		1.81 m ³
2x	4.83	x 2.29	x 0.075 =		1.66 m ³
4x	3.85	x 1.83	x 0.075 =		2.11 m ³
2x	4.17	x 2.14	x 0.075 =		1.34 m ³
3x	4.50	x 2.40	x 0.075 =		2.43 m ³
4x	3.80	x 2.20	x 0.075 =		2.51 m ³
5x	7.20	x 2.	60x0.	075 =	7.02 m ³
4x	6.30	x 2.40	x 0.075 =		4.52 m ³

Continuation

C.O. 844-108.46 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF-108.46m ³
4x 5.90 x 2.2	5x 0.075				3.98m ³
5x 5.10 x 2.2	4x 0.075				4.28
5x 4.90 x 1.8	0x 0.075				3.31
4x 1.60 x 1.2	4x 0.075				0.60
4x 1.50 x 1.3	7x 0.075				0.62
4x 4.30 x 2.4	4x 0.075				3.15
2x 5.30 x 2.	65x 0.075				2.11
3x 3.50 x 2.	55x 0.075				2.01
2x 6.90 x 2.4	4x 0.075				2.27
1x 7.80 x 2.1	0x 0.075				1.23
2x 6.20 x 2.7	8x 0.075				2.59
3x 2.70 x 1.3	7x 0.075				0.83
2x 1.90 x 0.	80x 0.075				0.14
2x 0.80 x 0.	70x 0.075				0.08
1x 0.60 x 0.6	0x 0.075				0.03
2x 30.40 x 3.7	5x 0.075				16.88
1x 20.10 x 3.7	5x 0.075				5.63
3x 1.45 x 1.2	0x 0.075				0.39
5x 4.50 x 1.8	2x 0.075				3.07
5x 2.20 x 0.8	5x 0.075				0.70
2x 3.07 x 2.0	5x 0.075				0.94
1x 3.24 x 2.21	0x 0.075				0.54
					163.84m ³
20.493					
J.E.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) P.V. work - reinforcement					
P.C.C. M30 in Rd - do E.I.					
7 x 30.15 x 3.75 x 0.160 =					126.10 m ³
1 x 3 5.10 x 3.79 x 8.6 + 3.75					
			3	0.160 =	30.05
					156.05 m ³
Ant.					
21.4.93.					
J.E.					
(17) P.V. supplying primary cont.					
- do - do - E.I.					
Qty. work Item M.B. Item No. (15)					
P.N.D. - (11) -					
163.84 ÷ 0.075 =					2184.53 m ²
Ant.					
9.5.23.					
J.E.					
(18) P.V. supplying tank cont.					
- do - do - E.I.					
Qty. work Item No. - (17) -					2184.53 m ²
(19) P.V. laying & rolling					
O.G.P.C. patch repair -					
- do - E.I.					
Qty. work Item No. - (18) -					2184.53 m ²
Ant.					
5.5.23.					
J.E.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(95) Retro-reflective traffic sign board —					
— do — do — B.I.					
(A) 600mm equilateral triangle —					5 Nos.
(B) 600mm circular —					5 Nos.
(C) 600 x 450mm rect. sign —					4 Nos.
(26) Planting of tree by the					
Rd. side — do — B.I.					
					50 Nos.
Ans.					
20.5.23					
S.I.E.					

Abstract of cost.					
(1) P.V. — Hiring MR typical					
28 Sign board — do — do — B.I.					
Estimate T.M. B.P. No. — (1)					
2 Nos @ 15443 = 60/each — RS. 30887 = 00					
(2) Cleaning & guttering Rd.					
2000 — do — B.I.					
Estimate T.M. B.P. No. — (9)					
0.43 Hec @ 62032 = 43/Hec — RS. 26674 = 00					
(3) E.W. in exca. in found. —					
— do — do — B.I.					
Estimate T.M. B.P. No. — (2) —					33.17 m ³
" " " — (4) —					70.27 m ³
					103.44 m ³

Continuation

$$\text{② } 326 = 71/m^3 - \text{RS. } 33795 = 60$$

$$\text{③ } 60 - \text{RS. } 91356 = 60$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F.R.S.9	1356 ⁰⁰
(4/33) Sand filling in found. ⁿ -					
Ches - do - do - E/I					
Qty. vide T.M.B.P. No. (4) - 7.33m ³					
" " " (2) - 3.63					
				10.96m ³	
@ 541 = 29/m ³ - RS. 5933 ⁰⁰					
(5/35) P.V. P.C. C.M. 15 in found. ⁿ -					
- do - do - E/I					
Qty. vide T.M.B.P. No. (2) - 3.30m ³					
" " " (4) - 6.68					
				9.98m ³	
@ 7999 = 22/m ³ - RS. 79672 ⁰⁰					
(6/40) P.V. reinforcement - do E/I					
Qty. vide T.M.B.P. No. (3) - 1321.46kg					
" " " (3) - 501.15					
" " " (8) - 3326.28					
Say, 5.143MT				5148.89Kg.	
@ 58713 = 07/m ³ - RS. 568274 ⁰⁰					
(7/40) P.V. R.C.C. M25 9.7 inch in 20x					
40					
culvert - do - do - E/I					
Qty. vide T.M.B.P. No. (3) - 14.565m ³					
" " " (4) - 4.125					
" " " (6) - 44.455					
				65.145m ³	
@ 5881 = 26/m ³ - RS. 643715 ⁰⁰					

Continuation

C.O. - RS. 1328950⁰⁰

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. 132		8950 = 00
(8/1) Back filling - do - E/I.					
Qty. vol. T.M.B. P.No. (3)			12.43 m ³		
" " " (8)			18.10 m ³		
			36.42 m ³		
Limit - 30.42 m ³ @		40.14	17/m ³	RS. 1221112 = 00	
(9/5) P.V. G. S.B. spreading - II -					
- do - do - E/I.					
Qty. vol. T.M.B. P.No. (7)					
75.41 m ³ @		3860	90/m ³	RS. 291150 = 00	
(10/6) P.V. Laying spreading @					
compacting W.B. mix - II -					
- do - do - E/I.					
Qty. vol. T.M.B. P.No. (9)					
98.38 m ³ @		6000	42/m ³	RS. 590041 = 00	
(11/4) P.V. Laying spreading @					
compacting W.B. mix - III -					
- do - do - E/I.					
Qty. vol. T.M.B. P.No. (11)					
163.81 m ³ @		5303	59/m ³	RS. 868940 = 00	
(12/3) 4m - rain permeant R.C.C.					
M. 30 in Rd. - do - E/I.					
Qty. vol. T.M.B. P.No. (12)					
156.05 m ³ @		9053	55/m ³	RS. 1412869 = 00	
(13/8) P.V. primer coat - do -					
- do - do - E/I.					

Continuation

C.O. - RS. 4614161 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.T. RS. 46	14161=00
STY. Vial T.M. B.P. NO. - (12)					
2184. 53m ³ @ 62 = 38/m ³ - RS. 1					36971=00
(14/5) P.W. mix seal surfacing -					
- do - do - E.I.					
STY. Vial T.M. B.P. NO. - (12)					
2184. 53m ³ @ 271 = 44/m ³ - RS. 5					92968=00
(15/10) P.W. TACK Coat - do - E.I.					
STY. Vial T.M. B.P. NO. - (12) 2184.53m ³					
" " " - (13) 661591 "					
				8800-44m ³	
@ 21 = 3.3/m ³ - RS. 18					7713=00
(16/12) P.W. S. D.B.C. - do - E.I.					
STY. Vial T.M. B.P. NO. - (13)					
165.4 m ³ @ 15166 = 40/m ³ - RS. 25					08523=00
(17/4) P.W. Const. of sub-grade					
earthen shoulder - do - E.I.					
STY. Vial T.M. B.P. NO. - (14)					
1747. 56m ³ @ 243 = 73/m ³ - RS. 42					5933=00
(18/25,26) - P.W. Rel. marking with					
Red expanded thermoplastic					
Compomet - do - E.I.					
STY. Vial T.M. B.P. NO. - (16)					
B.T. Portion - 350.40m ³ @ 823 = 80/m ³ - RS. 28					8660=00
C.C. Portion - 49.4m ³ @ 926 = 43/m ³ - RS. 45					395=00
				C.O. 15.8	799625=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F. Rs. 879	5695 = 10
(19/15/16) P.V. K. T. P. Stam - do - E/I.					
Qty. Nick T.M.B. P.No. - (14)					
(a) K.M. stone - 4 Nos. @ 3268 = 13072					13072 = 10
(b) 200mm stone - 6 Nos. @ 891 = 5346					5348 = 10
(20/12/2021) P.V. Road furniture - do - E/I.					
Qty. Nick T.M.B. P.No. - (15)					
(a) 600mm equilateral triangle -					
5 Nos. @ 4969 = 24845					24847 = 10
(b) 600mm circular -					
5 Nos. @ 6111 = 30555					30555 = 10
(c) 600 X 450mm rectangular -					
4 Nos. @ 5480 = 21920					21923 = 10
(21/12/25) Planting of tree by the					
Rel. sides - do - E/I.					
Qty. Nick T.M.B. P.No. - (15)					
50 Nos. @ 1038 = 51900					51936 = 10
					Rs. 8948810 = 10
Add. - G.S.T. - 12% -					Rs. 1073857 = 10
Add. - L.C. - 1% -					Rs. 89488 = 10
Add. - S.I. Fee -					Rs. 107386 = 10
Rs. 10219541					10219271 = 10
Less - 5.27% bulum - (-)					Rs. 538570 = 10
					Rs. 9680971 = 10
20.5.23					
S.E.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Material statement.</u>					
Soil -	1747.	56	M ³		
Stone agg. -	57.	839	,,		
Local Sand -	38.	459	,,		
Stone metal -	37.	249	,,		
Screening -	66.	858	,,		
Mud sum -	0.	786	,,		
Stone metal chips -	208.	039	,,		
Coarse Sand -	103.	019	,,		
Stone agg. -	29.	550	,,		
Emulsion (SS) -	1.	856	MT.		
RSI -	2.	420	MT.		
Bitumen - S-90 -	23.	834	MT.		
<u>Inv. No. of H.P.C. Ltd. -</u>					
136766123001581	dated	4.	2.23.		
Emulsion - SSI -	2.	200	MT.		
consumed -	1.	856	,,		
Balance -	0.	344	MT.		
Emulsion (RSI) -	2.	600	MT.		
consumed -	2.	420	,,		
Balance -	0.	180	MT.		
Inv. No. 136766123001582	dated	4.	2.23 -		
Bitumen -	15.	856	MT.		
Inv. No. 136766123001583	dated	4.	2.23		
Emulsion -	21.	034	MT.		
Total -	36.	880	MT.		
consumed -	23.	234	,,		
Balance -	13.	656	MT.		
Continuation 3.6244 MT.					

20.5.23

J.E.

Part on ALC bill
Sch. XLV-Form No.134

21

[illegible]

55

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Cons/pt of Road & C.D Work - from					
Patahi Sussipilar Road to Gonahi					
Barbi to 19					
MR. 3054 N/1-P-2018					
Package No: 17 R-N/2022-23					
Package No: 17 R-N/2022-23					
Block: Patahi					
Agency: P. Choudhary Const Pvt Ltd.					
S. K. Nagar, Jodhpur					
F. Choudhary					
Agreement No: 21/7/30/2022-23					
Date of Work order: 03/01/2023					
Date of completion: 02/10/2023					
Measurement Details:					
Rec Box culvert - 1 x 2 m x 1.50 y.					
1. Plr 5/F & Placing Hydn bar in Reinforcement.					
Difficult call of wall -					
877 Φ - 2 x 46 nos x 1.50 y					
(2) 0.39 y/m = 53.82 y					
1077 Φ - 2 x 18 nos x 5.50 y					
(2) 0.62 y/m = 122.76 y					
T 176.58 y					
Add: 5% Extra = 8.82 y					
T 185.40 y					

Continuation

0.185 77

Sch. XLV-Form No.134 24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
D.C. 11-7 wall					
8 mm ϕ -	2 x	92 mm	1.50 m		
			0.37 kg/m	17	107.64 kg
10 mm ϕ -	2 x	18 mm	11.10 m		
			0.62 kg/m	17	247.75 kg
<u>Roof</u>					
Deck slab					
10 mm ϕ	1 x	40 x	12.510 m		
			0.62 kg/m	17	310.24 kg
10 mm ϕ	1 x	40 x	8.570 m		
			0.62 kg/m	17	211.04 kg
12 mm ϕ	1 x	50 x	12.570 m		
			0.89 kg/m	17	556.67 kg
<u>Parapet</u>					
8 mm ϕ	2 x	36 mm	2.30 m		
			0.39 kg/m	17	64.58 kg
12 mm ϕ	2 x	10 x	7.10 m		
			0.85 kg/m	17	126.38 kg
				T	1624.32 kg
Add	5-1	Extra			81.21 kg
				T	1705.53 kg
				Wt.	1.7057 T

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3. P/V Rec 25 in box					
cell compo					
12. C.H.D. well	2	11.10	0.30	1.50	9.99
Hunch	2	0.15	0.075	6.00	0.135
Desk slab	1	7.10	6.00	0.30	12.78
Post puf.	2	7.10	0.25	0.60	2.13
8.6.23 J.F.				T	25.035 y ³
4. P/V Weep holes in abut.					
Gr. wall					
Ab.	2	5.00	3.00	2	30 No
Q.W.	4	1.00	3.00	2	12.00
				T	42 No
5. P/V at laying boulder					
apron for bed					
4/s	1	3.00	3.10	0.60	14.58
2/s	1	5.00	3.10	0.60	24.30
				T	38.88 y ³
6. B/M work in parapet					
well					
	2	6.00	0.40	0.60	2.88
				T	2.88 y ³

Continuation
4 No @ 2.88 y³58 = 11.52 y³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
7. Plastering with 1:4					
on B.W.					
Top	2	6.00	0.40		4.80
Ends	4	0.40	0.60		0.96
S-fm.	4	6.00	0.60		14.40
				T	20.16 m ²
	4 No	20.16	y ²		80.64 y ²
8. Painting 1st coat in					
including 1st coat					
Top	2	6.00	0.40		4.80
Ends	4	0.40	0.60		0.96
S-fm	4	6.00	0.60		14.40
				T	20.16 y ²
	4 No	20.16	y ²		80.64 y ²
9. Const of G.S.B Grd					
by 1st wall					
	6	4.30	2.60	0.100	6.70
	4	6.10	3.10	0.100	7.56
	8	3.60	2.30	0.100	6.62
	12	2.80	1.80	0.100	6.04
	16	1.50	0.90	0.100	2.16
				T	29.08 m ³

Continuation

14.6.23.
J.E.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. PIV laying standing					
4 Comp. by way of					
6 x 4.30 x 2.70 x 0.075					5.22
4 x 6.10 x 3.20 x 0.075					5.85
8 x 3.60 x 2.40 x 0.075					5.18
12 x 2.80 x 1.90 x 0.075					4.78
16 x 1.50 x 1.00 x 0.075					1.80
				T	22.83 y ³
18.6.23.				Unit	4.59 y ³
S.E.					4.62
18. PIV laying standing					
1 Comp. by way of					
6 x 4.30 x 2.70 x 0.075					5.22
4 x 6.10 x 3.20 x 0.075					5.85
8 x 3.60 x 2.40 x 0.075					5.18
12 x 2.80 x 1.90 x 0.075					4.78
16 x 1.50 x 1.00 x 0.075					1.80
				T	22.83 y ³
20.6.23.				Unit	15.26 y ³
S.E.					
12. Const. unrighted					
Pce 720 gth					
1 x 13.30 x 3.75 x 0.160					7.98
1 x 1.90 x 5.20 x 0.160					1.58
1 x 2 x 5.00 x 3.75 x 0.160					1.40
1 x 10.40 x 3.75 x 0.160					6.24
				T	17.20 y ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16. Plv and applying tack coat with Rs.					
	3	25.00	3.75		281.25 ✓
					T 281.25 m ² ✓
17. Plv & laying sand with 100-120 TPH					
	3	25.00	3.75	0.025	7.03 ✓
					T 7.03 m ³ ✓
27.6.93 J.E.					
18. Constr 9. Subgrade within shoulder with app. material					
	2	1	27.60	0.700	23.18 ✓
	2	3	25.00	0.800	60.00 ✓
					T 83.18 m ³ ✓
19. Plv & laying & h.d app. Road Making					
	2	1	27.60	0.10	5.52 ✓
					T 5.52 m ² ✓
(1) Road Making BT					
	2	3	25.00	0.10	15.00 ✓
					T 15.00 m ² ✓

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
20. Piv B. Fring 9 9 40 17 15					
200 y star					3 No
21. Piv B. Fring 5 11 1 600					
min triangle band					3 No
22. Piv B. Fring 9 9 9 600					
min circular band					3 No
23. Piv B. Fring 9 9 8 600 mm					
X 600 mm rectangular band					9 No
24. Planting & done by 12 m					
side.					40 No
25. Piv B. Fring 9 9 9 600					
78 circular band					1 No
					
29.6.23.					
J.E.					
C/S					
Summar					
25/07/23					
AE					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/28	Plr and fixing of typic				
	77 in formwork plan wall				
	1002 7/8 inch board				
2 No		P-1			
1 No		P-30			
3 No	1544	360		6	46331 ~ 0
2/1	Clearing and grubbing				
	road land				
		P-2			
0.434	62032	43		6	26674 ~ 0
3/46	Dismantling & existing				
	Structure for C. Conch				
		P.			
0.81	575	77		9	466 ~
4/48	Dismantling & existing				
	Structure for C. Mosier				
		P			
30.69	412	42		9	12657 ~
5/50	Removing all pipe & H.P				
	above 600mm to 900mm				
		P			
594	286	70		9	1433 ~ 0
4/32	Excavation for				
	founder				
33.17		P-2			
70.27		P-4			
58.32		P-23			
161.76	326	71		6	65669 ~ 0

Continuation

33

153230 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2/28 ³³ Sand filling in open					
for in					
3.63 y ³ /		P-2			
7.33 y ³ /		P-5			
10.96 y ³ /	⊙	R. 501.29			5933=00 6625.00
8/35 Piv piece 75 ft in					
length					
3.30 y ³ /		P-2			
6.66 y ³ /		P-5			
9.96 y ³ /	⊙	R. 799.22			79672.00
9/44 S/F and Placing H/SO					
bar is removed					
1.321 MT		P-3			

0.501 MT /		P-4			
3.326 MT		P-5			
0.185 MT		P-22			
1.705 MT /		P-24			
7.038 MT					
6.77 MT /	⊙	R. 98713.07			668287.00
1740 Piv piece 145 in box					
cell complete					
16.565 y ³ /		P-3			
4.125 y ³ /		P-4			
44.455 y ³ /		P-6			
5.46 y ³ /		P-23			
25.035 y ³ /		P-25			
95.64 y ³ /	⊙	R. 9881.26			945044.00

Continuation

1852166=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/41 Back filling behind					
abyt & q. wall					
12.42 y ³ /		P. 4			
18.40 y ³ /		P. 6			
30.42 y ³ @ 9	4014	17		122411 =	
12/42 Plv weep holes in					
Plc Abut & P. Wall					
28 No /		P. 23			
42 No /		P. 25			
70 No @ 8	1310	37		9196 =	
12/43 Plv and laying bould					
abran pitelg					
P. 25					
38.88 y ³ @ 6	4899	75		190502 =	
14/29 Blm work in pass.					
bed wall					
P. 25					
11.52 y ³ @ 8	8765	04		100973 =	
10/30 Plastering with cr					
(11.4) on Pl w					
P. 26					
80.64 y ² @ 9	227	98		18384 =	
14/31 Painting two coat in					
dudig prime & P.					
P. 26					
80.64 y ² @ 9	117	85		9503 =	

Continuation

2302-835-4

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
17/5	Const	9	G.S.B.G.	11 by	
	P1v	well			
74.71 25.47 y ³		P. 7			
29.08 y ³		P. 26			
104.49 103.73 y ³	④	3860	90		400723 = a 403425 =
18/6	P1v	laying	spreading	4 comp.	
	with	11			
98.38 98.35 y ³		P. 9			
4-62 4.59 y ³		P. 27			
102.94 y ³	⑧	6000	42		617683 =
19/7	P1v	laying	spreading	4	
	comp	with	11		
163.84 y ³		P-11			
15.26 y ³		P. 27			
179.10 y ³	⑨	5303	59		949873 =
20/13	Const	9	un-reinforced		
	Pce	30	ft		
156.05 y ³		P. 12			
17.20 y ³		P. 27			
173.25 y ³	⑩	9053	95		1568597 =
21/8	P1v	and	app. frame		
	cont	with	SS,		
2184.53 y ³		P			
203.46 y ³		P 28			
2387.99 y ³	⑪	62	28		148962 =
22/10	P1v	and	app. frame		
	cont	with	RS,		

Continuation

30 5988674 = w)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8800.44 y ² ✓		P. 12	13		
203.46 y ² ✓		P. 28			
281.25 y ² ✓		P. 29			
9285.15 y ² ✓	①	21=23		h.	198052=
23/9	P1v	laying & selling			
	at c.g. b. surf	7ch. 20mm			
	11ch	patel work over			
	way	using 7ss			
2184.53 y ² ✓		P.			
20346 y ² ✓		P. 28			
2387.99 y ² ✓	②	271=44		h.	648196=
2387.99					
24/12	P1v & laying	subc			
	with	100-20 TPH -			
165.40 y ² ✓		P. 13			
7.03 y ² ✓		P. 29			
172.63 y ² ✓	③	1516=40		h.	2615142=
25/4	Const. & subgrade &				
	earth's shoulder with				
	at p.	7ch. 10mm			
1747.56 y ² ✓		P. 14			
83.18 y ² ✓		P. 29			
1830.74 y ² ✓	④	243=73		h.	446206=
26/26	P1v & laying	st. hot app.			
	Road paving	- BT			
350.40 y ² ✓		P. 14			
15.00 y ² ✓		P. 29			
365.40 y ² ✓	⑤	823=80		h.	301017=

Continuation

3 10197287=4

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
28/27	P1v & laying of hot				
	app. load - 1000 kg - 1000 kg				
49.02 y ²	P. 14				
5.52 y ²	P. 29				
54.52 y ²	926.43				50509.00
28/15	P1v & fixing of 1000 kg				
	1000 kg stone				
	P. 14				
4 No	3268.89				13076.00
29/16	P1v & fixing of 1000 kg				
	2000 kg stone				
6 No	P.				
3 No	P. 30				
9 No	891.29				8022.00
29/19	P1v & fixing of 1000 kg				
	mm single board				
5 No	P.				
3 No	P. 30				
8 No	4969.46				39756.00
31/20	P1v & fixing of 1000 kg				
	mm circular board				
5 No	P.				
3 No	P. 30				
8 No	6411.09				51289.00
32/21	P1v & fixing of 1000 kg				
	600 mm x 450 mm				
	rectangular board				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statup					
Soil		83.180	y ³		
Stone Bngl.		22.304	y ³		
Full sand		14.830	y ³		
Stone 7 chip.		24.013	y ³		
Screening		5.061	y ³		
Stone 7 chip chips		42.925	y ³		
Coarse sand		21.462	y ³		
Stone. Bngl. chips		15.545	y ³		
Prick		- 560	MT		
Emulsion ss ₁		- 0.172	MT		
" ls ₁		- 0.133	MT		
Broken Sga		- 1.197	MT		

~~29723~~
J. E.

Amount Received By BRDA vide
Letter No 72 Dated - 10-05-2023
RS - 11719000.00

9680971 = w Payment 1st m A/cpt

2032029 = w Balance A/c/bd