PMGSY-SC

M.B.NO:3279

धनियापुर प्रखण्ड में चेतन ढेपरा अरवो सड़क से पैंगरा नदी पर्यन्त

एकरारनामा सं० - 100/SBD - 2020-21

Shedule XLV Form No. 134.

संवेदक :- श्री पंकज कुमार

श्री साधो शरण प्रसाद यादव (सहा० अभि०

DIVISION

SUB-DIVISION

धनियापुर

Measurement Book

M.B.NO - 3279

Name of Work–
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 No.	L.	B.	D.	Contents of area
	1st & F/C Bill				
Name of work –					
	Constn of road from				
	chetan chapra Ara				
	Sadak se Baigra				
	Nadi par Tak				
Agency – pankaj					
	Kumar Singh				
	Agr. No – 1/EE/SBD/2021				
	Date of start – 14.8.20				
	Completion dt – 13.8.21				
	Agr. value – 1.3542597				
	@15.07% below				
	P.C.C – 700 m				
	B.T – 1550 m.				
	length – 2.250 K.m				
(1)/1	Setting out				
	B pillar				
				E.L.	
2.25 ~~Nos~~					
(2)	Reference				
	pillar — E.L.				
2.25 m.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(3)/3	clearing and grubbing road land — Ely				
	2 x 2250.00 x 3.50				= 15,750.00 m2
	15,750.00				
	10,000				
	= 1.57 Hs				
	say 1.58 Hs				
(4)/4	Excavation to road way in lo'd — Ely				
B.T-	2 x 1550 x .525 x 10				= 16275
Rigid-	2 x 700 x .375 x 10				= 5250
				T =	21525 m3
(5)/13	Cons of G.S.B by PW work graded materials — Ely				
Widening in B.T. portion	2 x 1550 x .525 x 10				= 16275 (A)
In portion	1 x 15.5 x 3.05 x 10				= 4.73 m (B)
In full widths.					

Continuation

P.T →

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	10 x	25.0	x 4.05	x .10	= 101.25
	1 x	25.0	x (5.16+4.05)/2	x .10	= 11.512
	10 x	25.0	x 4.05	x .10	= 101.25
	1 x	25.0	x (4.95+4.05)/2	x .10	= 11.25
	10 x	25.0	x 4.05	x .10	= 101.25
	1 x	25.0	x (5.16+4.05)/2	x .10	= 11.512
	10 x	25.0	x 4.05	x .10	= 101.25
	1 x	25.0	x (5.16+4.05)/2	x .10	= 11.512
	10 x	25.0	x 4.05	x .10	= 101.25
A —	1 x	25.00	x (6.15+4.05)/2	x .10	= 12.75
7115.0 m length	7 x	25.0	x 4.05	x .10	= 70.875
				T = 635.661 m³	
				©	
Add a+b+c = 803.13 m³ (i)					
Widening in R.C.C. portion					
	2 x	700.0	x 3.75	x .10	= 52.50 m³
					(a)
In profile correction					
	1 x	7.0	x 3.0	x .10	= 2.10 m³
					(b)
extra widening	2 x	5.0	x (.60+.60)/2	x .10	= .60 m³ (c)
	Add	a+b+c			
		= 55.13 m³ (ii)			
	Add (i)+(ii) =				858.26 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(6) 9/14	W.B.M G-III				
	P/L, laying, spreading				
	and compacting				
				E.P.I	
	10 × 25.0 × 3.75 × .075 = 70.312				
	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	10 × 25.0 × 3.75 × .075 = 70.312				
	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	10 × 25.0 × 3.75 × .075 = 70.312				
	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	10 × 25.0 × 3.75 × .075 = 70.312				
	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	10 × 25.0 × 3.75 × .075 = 70.312				
A	1 × 25.0 × (6.15+3.75)/2 × .075 = 9.281				
9415 to 9 KJth	7 × 25.0 × 3.80 × .075 = 49.875				
				T = 440.528 m³	
	(A) + 0440.30 m³				
					(a)
	9n [illegible]				
(b)	8 × 25.0 × 3.75 × .075 = 56.25				
c	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	8 × 25.0 × 3.75 × .075 = 56.25				
c	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
	8 × 25.0 × 3.75 × .075 = 56.25				
c	1 × 25.0 × (4.20+3.75)/2 × .075 = 7.453				
A	1 × 25.0 × (4.50+3.75)/2 × .075 = 7.734				

T = 198.845 m³ (b)

Continuation

Add a+b =

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7)/27	p/v and fixing				
	logo 3 m.m 65.4				
				E/1	
7 No.					
(8)/28 E/W in excavation					
32	for ft — E/1				
600mm	2	× 3.90	× 1.150	× 1.50	= 13.455
	1	× 5.350	× 1.150	× .365	= 2.207
				T =	15.662 m3
	for 2 no —				31.32 m3 (a)
1000mm E/W in excavation					
	for ft & st				
	2	× 6.45	× 1.40	× 1.50	= 27.090
	1	× 4.850	× 1.530	× .365	= 2.708
				T =	29.798 m3
for 3 no	— 89.394 m3 (b)				
Add a + b = 120.714 m3					
(9)/29	p/v M15 p.c.c				
37	(1:2.5:5) on levelling				
600 mm	course in ft E/1				
	2	× 3.90	× 1.15	× .15	= 1.345
	1	× 5.311	× 1.13	× .25	= 1.500
					T = 2.846 m3
for 2 no —					5.692 m3 (9)

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	P/W in C.C.				
	(1:2:4) in				
	levelling Course				
	in ft 3 — E/W				
	2	6.427	1.40	.15	= 2.709
	1	4.931	1.500	.250	= 1.886
Deduct for pipe	.25	.787	1.25	5.496	= (1.63)
				T =	2.962 m³
	for 3 m				
					8.886 m³
					(b)
	Add a+b =				14.574 m³
(a) 30	B/W in C.M				
54	(1:4) in H.W				
				E/W	
	2	3.60	.700	2.180	= 10.987
	2	3.60	.400	1.200	= 3.456
Deduct for pipe	2	.787	.830	.530	= (.534)
				T =	13.869 m³
	for 8 m				27.738 m³
					(a)
	B/W in C.M (1:4)				
	in H/W			E/W	
	2	6.15	.821	2.580	= 26.181
	2	6.15	.400	1.200	= 5.904
Deduct for pipe	2	.787	1.25²	.622	= (1.478)
				T =	30.607 m³
	for 3 m				91.821 m³
					(b)
	Add a+b =				119.559 m³

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(11)/31	NP3 H.P				
600mm dia	600mm dia				
				Ext.	
	3	x 2.50 m		= 7.50 m	
	Extra			15 no m	
(12)/35	NP3 H.P				
	1000mm dia				
1000mm dia	3	x 2.50		= 7.500	
	Extra	3 no			
				22.50 no	
(13)/32	C.P 100 c.m				
	3/6 (1:4) 00.6/m all				
				Ext	
600mm dia	2	x 3.60	x 3.380	= 24.336	
	2	x 3.6m	x .6 no	= 4.320	
	2	x 3.6m	x .4 no	= 2.880	
	4	x .700	x 2.18	= 6.104	
	4	x .4m	x 1.2 no	= 1.920	
Comp. pipe	2	x .7857	x .838	= (-) 1.083	
				T = 38.477	
	Extra	2 no		76.954 m²	
				(a)	
1100mm dia	2	x 6.50	x 3.380	= 46.494	

Continuation

B.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 x	6.150 x	.600	=	7.380
	2 x	6.150 x	.400	=	4.920
	4 x	.825 x	2.580	=	8.514
	4 x	.400 x	1.200	=	1.920
Upper HP	2 x	.785 x	1.238	=	(-)2.377
				T =	66.851 m^2
for 3 No.					200.553 m^2 (b)
Add a+b = 277.507 m^2					
(14) 33/2 - 0/4 1.5mm					
	C-punning EP				
600mm Ø					
	2 x	3.600 x	.400	=	2.880
	4 x	.400 x	1.20	=	1.920
	2 x	3.60 x	.600	=	4.320
				T =	9.120 m^2
for 2 No.					18.24 m^2 (a)
1000mm D/v 1.5mm c-punning EP					
	2 x	6.15 x	.400	=	4.920
	4 x	.400 x	1.200	=	1.920
	2 x	6.15 x	.600	=	7.380
				T =	14.220 m^2
for 3 No.					42.66 m^2 (b)

Continuation

Add a+b = 60.90 m^2

P.T.O

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
(15)/7	Const of subgrade and earthen shoulder — Bld				
B-T	2 x	1550 x	1.388 x	.2?	= 860.?
	2 x	1550 x	1.181 x	.075	= 274.?
				T =	1134.8? m³
				(a)	
f.c.c.	2 x	700 x	.625 x	.100	= 87.5?
	2 x	700 x	.625 x	.075	= 65.6?
	2 x	700 x	.625 x	.160	= 140.?
				T = 293.13	m³
				(b)	
	Add a+b = 1428.02 m³				
(16)/15	Cement Con pavement — Bld				12-8-21 JE
	8 x	25.0 x	3.25 x	.160	= 120.0
	1 x	25.0 x	(4.20+3.25)/2 x	.160	= 15.90
	8 x	25.0 x	3.75 x	.160	= 120.0
	1 x	25.0 x	(4.20+3.75)/2 x	.160	= 15.90
	8 x	25.0 x	3.75 x	.160	= 120.0
	1 x	25.0 x	(4.20+3.75)/2 x	.160	= 15.90
A	1 x	25.0 x	(4.50+3.75)/2 x	.160	= 16.50
				T =	424.20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	@ STRAIT DEPOSIT				
	V-T-M B.P 1+010				
(1)/1	Setting out plan				
	—	—	—	E/I	
2.25	No. P.N-1				
	@ P. 3662.39/N				
	—	—	—	P. 8240/	
(2)/2	Reserve pillar				
	—	—	—	E/I	
2.25	No. P.N-1				
	@ P. 1690.96/N				
	—	—	—	P. 3805/	
(3)/3	Clearing and grubbing hard land				
	—	—	—	E/I	
1.58 Ha	P.N-2				
	@ P. 51133.76/Ha				
	—	—	—	P. 80791/-	
(4)/4	Excavation for road way in soil				
	—	—	—	E/I	
215.25 M³	P.N-2				
	@ P. 74.16/M³			P. 15963/-	
				T-P. 108.799/-	

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	B. F. 1,08,779/				
(5)/8/13	Const. of G.S.B by p/v. well graded materials, — E/I				
858.26 m³	P-N-3				
	@ Rs. 3052.12/m³				
					26,19,512/
(6)/2/14	W.B.M Gr.II – p/v. laying spreading and compacting — E/I				
639.143	P.N-4				
	@ Rs. 3710.87/m³				
					23,71,765/
(7)/27	p/v and fixing logo. of M.M.G.S.4 — E/I				
7 No.	P-N-5				
	@ Rs 10,892.77/N				
					76,249/
(8)/28/32	E/W in excavation of E/I — E/I.				
120.714 m³	P-N-5				
	@ Rs 272.01/m³				
					32,835/

T- 52,09,160/

Continuation

P-T-O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.		52,09,160/-
(9) 22/33 P/L DI15 PCC (1:2:5:15) as levelling of course incl — E/I					
14.578 m³ D-N-6					
@ Rs. 5573.11/m³					
—					Rs 81,244/
(10) 32/34 B/W in CM (1:4) in Fdn — E/I					
119.559 m³ D-N-6					
@ Rs. 5339.96/m³					
—					Rs 6,38,440/
(11) 31 NP3 H.P. Z 610 mm Φ — E/I					
15.00 m D-N-7					
@ Rs. 2564.30/m					
—					Rs 38,465/.
(12) 35 NP3 H.P. Z 1000 mm Φ — E/I					
22.50 m D-N-7					
@ Rs. 3362.30/m					
—					Rs 75,651/.

T – Rs. 60,42,960/-

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13)/32/36	C.P. 1 n C.M.				
	(1:2:4) — E/I				
577.507 m2	P.N-8				
	@Rs.143.51/m2				
	————				Rs.82,878/-
(14)/33/37	P/V 1.5 m.m				
	c. plumbing				
	———— E/I				
60.90 m2	P.N-8				
	@Rs.46.28/m2				
	————				Rs.1974/-
(15)/7	Constr. of				
	subgrade and				
	earthen shoulder				
	———— E/I				
1428.02 m3	P.N-9				
	@Rs.176.86/m3				
	————				Rs.2,52,559/-
					T- 63,80,371/-
LM 15.07% on					
per S.O.R	————				(-) 9,61,522/-
					T-Rs 54,18,849/-
Add 12% G.S.T.					
	————				(+) 6,50,262/-

Rs 60,69,111/-

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F-		60,691/-
Add 1% Labour Ch					+ 60,62/-
Add Agreement fee					60,600/-
			T-B-		61,90,402/-
					A 12-8-21
					CAP B 14/12/21

Continuation