PMGSY NEW SC M.B.NO- 3338

पक्की भरुरा मिट्टी प्रधान मंत्री से सुरेधा पूरबेला तकपथ

Shedule XLV Form No. 134.

एकरारनामा सं०.

संवेदक :- श्री अमित कुमार सिंह

DIVISION

श्री साधो शरण प्रसाद यादव सहा० अभि०

SUB-DIVISION

बनियापुर

Measurement Book

M.B.NO.3338

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 On A/C Bill				
	Name of work:-				
	Const^n of road				
	from Basdi - Bhakhari				
	Baitha P.M.G.S.Y to				
	Bahardih ... tola				
	Agency - Amit Kr. Singh.				
	Agt. No - 7/SBD/20-21				
	Agt. value - 0.1.2392084				
	Length - 2200 m.				
	P.C.C - 400 m.				
	B.T - 1800 m.				
	Date of start - 28.5.20				
	Completion dt - 27.5.21				
(1)/1 Setting out of pillar 2 No.					
(2)/2 - Reference pillar 9 No.					

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(3)/3	Clearing and grubbing of the land — Ely				
	2	40	25.0	3.50	= 7700.0
	2	40	25.0	3.50	= 7700.0
	2	8	25.0	3.50	= 1400.0
				T =	15,400.0 m²
	15,400 m²				
	10,000				
	= 1.54 Hect				
(4)/4	BOX-CUTTING Excavation for earthwork				
	L.S.				Ely
B.T.	2	180.0	x.525	x.100	= 189.0
	2	40	x.375	x.100	= 30.0
				T =	219.0 m³
(5)/8	Construction of G.S.B by P/L Hall				
13.	ground material				
B.T.	G.S.B to Widening				
	8	180.0	x.525	x.100	= 189.0 m³
					(a)
	G.S.B to protect the Edge				
	4	18.0	3.0	x.10	= 21.96 m³
					(b)

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
G.S.B. ladies toilet					
App	2 x 25.00 x 6.00 + 4.05 / 2 x .10 = 25.01				
C—	4 x 25.00 x 3.00 + 4.05 / 2 x .10 = 45.21				
	40 x 25.00 x 4.05 x .10 = 405.00				
Technical Electrical Civil A.E.	20 x 25.00 x 4.05 x .10 = 202.50				
	6 x 25.00 x 4.05 x .10 = 60.75				
				T = 738.62 sqm	
				Left 738.18 sqm	
					C
In G.C.C. platform kitchen					
	2 x 40.00 x 3.25 x .100 = 30.00				
					D
In platform counter					
	2 x 8.00 x 3.00 x .100 = 4.80 sqm				
					E
C—	1 x 6.00 x .60 + .65 / 2 x .10 = 3.6 sqm				
				Left 30 = 30 sqm	
					F
Add a+b+c+d+e+f+g					
	= 984.24 sqm				
6/9 14	R.C.C. sqm Grill P/V and laying and spreading				B.S.
App—	2 x 25.00 x 5.00 + 3.25 / 2 x .025 = 16.46				

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
C —	4	25.00	4.50+3.25/2	1.00	= 30.937 cum
	40	25.00	3.25	1.00	= 281.25
17 1800 m Length	20	25.00	3.25	1.00	= 140.625
	6	25.00	3.25	1.00	= 42.187
					T = 511.405
Tick-tested & checked by AE.					511.31 cum (A)
	In R.C.C. Portion				
	4	25.00	3.25	1.00	= 28.125
9 n 300 m	2	25.00	4.15+3.25/2	1.00	= 14.81
	4	25.00	3.25	1.00	= 28.125
Length	2	25.00	4.15+3.25/2	1.00	= 14.81
					T = 85.87
					(B) cum
					A+B = 597.18 cum
(7)/27	P/R and fixing				
	Logo. 8 mm. Size				
	Reflect - Ref				
	2 Nos.				
(8)/28	Ref in R×C				
	Vertical Reflect				
	Thick RM - Ref				
	NB: H.P. Work Page Number				

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
H.W—	2	3.90	1.20	1.20 = 13.455	
Below plinth—	1	5.31	1.15	.363 = 2.207	
				T = 15.662 cum	
	for 2 nos			— 31.32 cum	
(9)/29	P/W in C.C. (1:2.5:5) in foundation				
				— Ext	
H.W—	2	3.90	1.20	.150 = 1.345	
Below plinth	1	5.31	1.15	.21 = 1.150	
				T = 2.846 cum	
	for 2 nos			— 5.692	
				say 5.70 cum	
(10)/30	B/W 1:6 C.M. (1:4) in base wall			— Ext	
H.W—	2	3.60	.70	2.80 = 10.987	
P—	2	3.60	.40	1.20 = 3.456	
Less for plinth	2	.785	.838	.150 = 0.394	
				T = 13.869 cum	
	for 2 nos			— 27.738	
				say 27.74 cum	
(11)/31	P/W and laying R.C.C. pipe N.P.3 for drainage				

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
				E/d	
	3	x 2.50		=	7.50m
	for 2 m			—	15.00 m
(11) 32	C.P. 1 x C.M				
	(1+4)			Nos	
				E/1	
Outside	2	x 3.60 m	x 3.80	=	24.336
Inside	2	x 3.6 m	x .6 m	=	4.320
Top	2	x 3.6 m	x .4 m	=	2.880
	4	x .70 m	x 2.1 P	=	6.104
	4	x .4 m	x 1.20 m	=	1.920
Comfort	2	x .7854	x .83 P²	=	01.083
pipe-					
				T =	38.477
				m 2	
	for 2 m			—	76.954
				m 2	
(12) 33	P/K 1.50 m			C-punjy	
				E P Y	
Top	2	x 3.6 m	x .4 m	=	2.880
	4	x .4 m	x 1.2 m	=	1.920
	2	x 3.6 m	x .6 m	=	4.320
				T =	9.120
				m 2	
	for 2 m				
				—	18.240 m²

Continuation

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(13)/35	NPS HDPE				
	1100mm Ø —				
	Exc in ordy				
	soil for				
				Ext	
H.W —	2	6.40	1.40	1.50	= 27.09
Bolting pit	1	4.80	1.50	3.65	= 2.70
				T =	29.798 m³
	for 3 m				
					89.394 m³
(14)/36	P/V PCC				
	(1:2:4) in				
	foundation				
				Ext	
H.W —	2	6.40	1.40	1.50	= 2.709
	1	4.931	1.53	1.21	= 1.886
Loss for pipe	0.25	7.857	1.23²	15.4%	= 1.633
				T =	2.962 m³
	for 3 m				8.886 m³
(15)/37	B/W in				
	(1:4) in				
				Ext	
	2	6.40	1.40	1.50	= 2.709
Loss up	2	6.40	1.40	1.20	= 5.904
Loss —	2	7.857	1.23²	0.622	
					= 61.478
Continuation				T =	30.607 m³
for 3 m — 91.821 m³					
P.T →					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(16)/39	8 P/r and Laying R-C-C. Pipe N/P for Culverts				
	3 x 2.50				= 7.50 m
	for 3 m				
					22.50 m
(17)/39	C-P. in C-M (1:4) of B/W				
					Ref 1
Outside face	2	x 6.150	x 3.780		= 46.494
Inside face	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
Wing P/W	2	x .7854	x 1.230^2		= 02.377
				T	= 66.857 m2
for 3 m					
					200.553 m2
(18)/40	P/r 1.5 m m C. Pipe in C-M				
					Ref 1
	2	x 6.150	x .400		= 4.920
	4	x .400	x 1.200		= 1.920
	2	x 6.150	x .600		= 7.380
				T	= 14.220 m2
for 3 m					42.660 m2

Continuation

P.T — 2

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(19)/7	Construction of Left side shoulder — EL.S				
	2	x 18.00	x 1.40	x 0.20 = 100.80	
	2	x 1810	x 1.20	x 0.15 = 324.00	
				T = 1332.00 sqm	

Took initial of Chowkidar

25/04/2021

A.E. Baneyapur

20.4.21

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	AB STRETCH OF ROAD V-T-M-B-P-H-O-N				
(1)/1	Setting out pillar — EL				
	2 Nos. P.N-1				
	@ 3965.77/M				
	—				Rs. 7,932/-
(2)/2	Reference pillar — EL				
	2 Nos. P.N-1				
	@ 1816.42/M				
	—				Rs. 16,348/-
(3)/3	clearing & grubbing road land — EL				
	1.54 Ha. P.N-2				
	@ 50,148.62/Ha				
	—				Rs 77,229/-
(4)/4	Box-cutting Excavation in soil in roadway — EL				
	219.00 m³ P.N-2				
	@ 75.43/m³				
	—				Rs 16,519/-
					T-Rs 1,18,028/-

Continuation

P.T.O

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F-		₹1,18,028/
(5) 2/13	Cutting & Grubbing by p/r small wooded materials				
				Ent	
984.24 m³			D.N-3		
	@ ₹ 2821.61/m³				
					₹ 27,78,103
(6) 2/14	M.B.M Grubbing p/r laying and compacting				
				Ent	
597.18 m³			D.N-4		
	@ ₹ 4227.78/m³				
					₹ 25,24,746
(7) 27	p/r and fixing Type-2 M.M.S.Y. Project-Ent				
2 Nos.			D.N-4		
	@ ₹ 9439.07/N				
					₹ 18,878/
(8) 28/35	E/r to excavation & cart away Sf.				
				Ent	
31.32 m³			D.N-5		
+ 89.39 m³			D.N-7		
120.71 m³	@ ₹ 264.02/m³				
					₹ 31,871/-

Continuation

T- ₹ 53,71,626/

P.T-D

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F. ₹. 53,71,626/-		
(9)/29			D/K ₹0.15 ₹-r-c		
36			(1:2:4) as		
			leveling — E/W		
5.700 m³			P.N-5		
+ ₹.886 m³			P.N-7		
14.586 m³					
			@ ₹. 5546.26/m³		
			—		₹ 80,898/-
(10)/30			B/W in c.c		
			(1:4) in H/W		
			—		E/W
27.74 m³			P.N-5		
			@ ₹. 6166.84/m³		
			—		₹ 1,71,068/-
(11)/37			B/W in c.c		
			(1:4) in H/W		
			—		E/S
91.82/07 m³			P.N-7		
			@ ₹. 5979.07/m³		
			—		₹ 5,49,084/-
(12)/31			D/K, laying		
			R-c-c N/D H.P.		
			₹ 6 ₹/m²		
			—		E.W
15.10 m			P.N-6		
			@ ₹. 4327.47/m		₹. 64,912/-
					T-₹ 62,37,588/-

Continuation

P.T-₹

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F.		₹. 6237.588/-
(13)/38	P/R. Laying				
	R.C.C. M 53 H.P				
	Of 1000 mm Ø				
					El-1
22.50 m				D.N-8	
@ ₹	4327.47/m				
					₹ 97,368/-
(14)/32	C.P in C.M				
39	(1:4) 200 mm/N				
					El-1
76.974 m²				D.N-6	
+ 200.553 m²				D.N-8	
277.527 m²	@ ₹. 165.09/m²				
					₹. 45,814/-
(15)/33	C.P.U.M. in				
40					El-1
42.660 m²				D.N-8	
+ 18.24 m²				D.N-6	
60.900 m²	@ ₹. 49.48/m²				
					₹ 3013/-
					₹.
(16)/7	Construction and				
	grading and cutting				
	shoulder — El-1				
1332.0 m³				D.N-9	
@ ₹.	19.594/m³				₹ 2,60,99
					=

Continuation ₹ 6,44,77
= ₹

D.T —

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F.P.	6,64,772/-	
Less 1% as per S.O.R					
				6,64,478/-	
				T.A. 59,80,297/-	
Checked 25/04/2021 A.E. Panagarh				20.4.21 SE	

Continuation