Name of Work:- Baeha Matikuraato Nuri chowk under MMGSY

Schedule XLV-Form No. 134

Name of Agency:- Dayanand Kumar.

_____ DIVISION

MB No. 1049

Thakurgaon _____ SUB-DIVISION

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इस पोथी पुस्तक में कुल 100 (एक सौ) पृष्ठ होते पृष्ठ हैं। जो श्री आशुतोष कुमार सहायक अभियंता ग्रा०का०वि० खंड अमथुला-ठाकुरगंज के नाम से निर्गत किया जाता है।

कार्यपालक अभियंता
ग्रा०का०वि० खंड अमथुला
किशनगंज-2

Sch. XLV-Form No. 134

RWD (W) Div. Knj-2 DIVISION

Thakurganj SUB-DIVISON

Measurement Book

No. 1049

Name of officer Ashutosh Kumar.

Assistant Engineer,

Date of first entry

Date of last entry

3rd 0.01/-

1st A/c Bill

1

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W	Const. of. Road				
	from Bucha				
	Matikura to Nuni				
	chowk at thakurgeij				
	Block under MMGSY				
N/Agency - Dayanand Kumar					
Agmt No - 20/MMGSY/SBD/2019-20					
Dt. of Agmt - 29-06-2019					
Stipulated completion - 28-06-2020					
	Record Entry				
(1)/3	Clearing and Grubbing of Road Land all comp.				
	10	X 30.0	X 7.00	=	2100.0
	10	X 30.0	X 7.00	=	2100.0
	10	X 30.0	X 7.00	=	2100.0
	10	X 30.0	X 7.00	=	2100.0
	10	X 30.0	X 7.00	=	2100.0
	10	X 30.0	X 7.00	=	2100.0
	2	X 30.0	X 7.0	=	420.0
	1	X 10.0	X 7.0	=	70.0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2/	providing and fixing setting out pillars all comp:				
(i) / 1	Bench mark pillar				
	1 × 2.00			=	2.0 Nos.
ii/2	Reference pillar				
	2 × 3.0	=	6.0	=	6.0
	1 × 1.0	=			1
				=	07.0 Nos.
3/	providing and fixing of typical mimsy informatory sign board with "Logo" Board all cop				
	1 × 4.0			=	4.0 Nos
	Buuuy - 1/ 15/01/2020				

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Sp		Renewal Earthy			
4/	Dismantling of				
	Gross Drainage				
	works all Cap.				
i)	PC C/C ~~for HPC~~				
for HPC	1X	3.50	X1.14	X0.15	=0.60
for Slab	1X	1.50	X1.00	X0.15	=0.23
					=0.83 M³
(ii)	Stone/Brick masonry				
Per HPC	2X	4.20	X0.825	X2.50	=17.33
~~HP~~	~~1X~~				
Slab culvert:-					
	2X	5.00	X0.825	X3.0	=~~30.7~~
					=24.75 M³
					=42.08 M³
(iii)	1+.P/Removing.				
	1X	7.50			=7.50M
(iv)	RC C for Slab Culvert				
	1X	1.50	X5.0	X0.30	=2.25
	2X	11.50	X0.30	X0.30	=0.27
					=2.52 M³
	Bruce 25/01/2020				

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Record Entry				
	RCC BOX Culvert-01				
	(2.0 × 2.0 M)				
1/	Earth Work in				
	excavation Per				
	foundation				
	of Structure				
	upto 3.0 M height				
	all cell				
Box.C	1	6.0	3.50	0.65	= 13.65
Cut-off	2	3.50	1.30	1.80	= 16.38
Ret-	4	3.32	3.42	1.80	= 81.88
					= 111.71 M³
2/	Prov. laying				
	PCC M15 in				
	open foundn				
	all cell				
Box.C	1	6.0	2.50	0.10	= 1.50
Ret.W	4	3.32	2.42	0.20	= 6.42
					= 7.92 M³
3/	Supp: fit and place				
	HYSD Bar reqd. in				
	foundation all				
	cell				

EARTH WORK QTY SHEET

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
CH	Fill Area	Mean Area			Fill Vol.
RCC 50.	0·366	0·246	48		11·78
100	1·255	0811	50		40·53
150	0·655	0·955	50		47·75
RCC Slab Box Culvert					
200	0·125	0·39	48		18·72
250	0·525	0·325	50		16·25
300	0·366	0·446	50		22·80
350	0·488	0·427	50		21·35
400	1·235	0·862	50		43·08
450	0·366	0·801	50		40·03
500	[illegible]				
550	[illegible]				
600	0·477	0·544	50		26·35
650	0·255	0·366	50		16·30
700	1·235	0·355	50		32·35
750	0·655	0·955	50		47·75
800	1·235	0·945	50		47·25
850	1·477	1·356	50		68·80
RCC BOX Culvert.					—
900	0·366	0·922	48		44·23
950	0·255	0·311	50		15·53
1000	0·111	0·183	50		9·15
1050	0·365	0·238	50		11·90
RCC Slab Culvert.					—
1100	0·144	0·255	48		12·22

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1150	~~0.135~~	0.135	50		6.93
1200	0.125	0.190	50		9.50
1250	0.255	0.744	50		37.20
1300	1.233	0.399	50		39.~~70~~
1350	0.355	0.183	50		9.15
1400	0.011	0.117	~~58~~		5.83
1450	0.222	0.183	50		9.15
1500	0.144	0.233	50		11.65
~~1550~~	0.322 0.144	0.233	50		11.65
~~1600~~	R	CC	Slab		Cumm~~ts~~
1610	0.25	0.20	48		9.~~58~~
50	0.255	0.245	0.~~335~~	50	16.25
100	0.165	0.165	.235 0.165	50	11.25
150	0.168	0.167		50	8.33
200	0.291	0.232		~~58~~	11.58
~~2350~~	R	CC	Slab		Cumm~~t~~
960	0.333	0.314	58		18.21
	(i) For 100 M			=	885.99
	Lead				MB
	Cumm				
	25/09/2020				

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		Reveal Work			
1		Const. of subgrade and Orthen shoulder all cut			
		10 X 30·0 X 7·28 X 0·30 = 655·20			B
		10 X 30·0 X 8·0 X 0·30 = 720·0			
		10 X 30·0 X 7·30 X 0·30 = ~~688·50~~ 655·20			
		10 X 30·0 X $\frac{7·30 + 8·0}{2}$ X 0·30 = 688·50			
		10 X 30·0 X 8·0 X 0·30 = ~~720·0~~			
Sides of GSB		2 X 9 X 30 X 1·40 X 0·20 = ~~151·20~~ ~~7560~~			
		2 X 10 X 30·0 X 1·40 X 0·25 = 168			
		2 X 10 X 30 X 1·40 X 0·20 = 168·00			
		2 X 10 X 30 X 1·40 X 0·20 = 168·00			
				= ~~83760~~ M³	
				= ~~4397·50~~ M³	
				= 4397·20 M³	
(2)		Const. of Granular Sub-base (GSB) for Grading - I Materials with coarse Sand Screening			

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
GSB in	Eastern portion:-				
	10	30.0	4.05	0.21 =	255.15
	10	30.0	4.08	0.20 =	244.8
	10	30.0	4.05	0.21 =	~~302.4~~ 255.15
	10	30	4.10	0.20 =	246.0
	10	30	4.05	0.20 =	~~243.0~~ ~~267.3~~ 218.70
	9	80	4.05	0.29	~~208.44~~
				=	~~1530.82~~
					~~#B~~
				=	~~1530.84~~
				=	1482.80

Date:
29/04/2020

Continuation

1st A/c Bill

ABSTRACT OF COST

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)	~~Earth~~				
(1)/	Clearing and Grubbing of Road land all lep vide TMB PN-01 Item N-01 = 1.31 Hec. @ RS=49174.84/Hec.				RS= 64419=
2/	prov & fixing of Working Bench mark Pillar/Ref. pillar all Comp.				
(i)	Benchmark Pillar vide TMB P.N- 02 Item No. 2(i) = 02 Nos. @ RS=4443.77/Nos.				RS= 88,88 =
(ii)	Reference Pillar vide TMB P.N-02 Item 2(ii) ~~vide T~~ = 70 Nos. @ RS=2036.78/No.				B= 14,257=

Continuation

= 87564=

Sch. XLV-Form No. 134 = 87564

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3/	prov. fixing of MMGSY "Logo" & citizen Sign Board all cap vide TMB P.N- 2 qty- 3 = 4.0 NOS. @ RS = 10199.20/NO				
					RS = 40,797=
4/	Dismentling of Cross Drainage/ Existing Culvert all comp				
(i)	PCC vide TMB P.N- 3 qty- 4(i) = 0.83 M3 @ RS = 470.91/M3				
					RS = 391=00
(ii)	Cement Mortar vide TMB P.N- 3 qty- 4(ii)				

Continuation RS = 128752=

Sch. XLV-Form No. 134 Rs:128752=

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	= 42.08 M3				
	@ Rs = 227.35/M3				
				Rs=	9567=
(iii)	H.P Removing				
	vide TMB P.N- 3				
	Item No- 4(iii)				
	= 7.50 m				
	@ Rs = 188.01/M			Rs=	1260=00
(iv)	R.C.C				
	vide TMB P.N- 3				
	= 2.53 M3				
	@ Rs = 1056.05/M3				
				Rs=	2661=0
5/30	Earth work Excq.				
	vation for foundn				
	of structure all				
	comp.				
111.71	vide TMB P.N- (4)				
			qty	2	
111.71	vide TMB P.N (9)				
			qty	1	
111.71	vide TMB P.N- (13)				
335.13	Continuation qty- (1)				

Rs= 142240=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
BF = 335.13					
+ 111.71	vide TMB P.No 24				
			Item	①	
+ 111.71	vide TMB P.No - 26				
			Item	①	
558.55 M³	@ RS = 282.43/M³				
				RS =	157751/=
6/31	providing & laying PCC M 15 grade open found.				
7.92	vide TMB P.No - 9				
			Item No -	2	
7.92	vide TMB P.No - 15				
			Item No -	2	
7.92	vide TMB P.No - 21				
			Item No -	2	
7.92	vide TMB P.No - 26				
			Item No -	2	
= 39.604	@ RS = 6225.04/M³				246512=
7/33	Supplying, Fitting and placing HYSD Bar				

Continuation

B = 546503=

Sch. XLV-Form No. 134

= 546503=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	reinforcement in				
	foundation all				
	cap				
0·16 MT	vide THB		P·N	4/5	
			qty.	(3)	
0·12	vide THB		P·N–	9/10	
			qty –	(3)	
0·12	vide THB		P·N–	15/16	
			qty –	(3)	
0·12	vide THB		P·N–	21/22	
			qty	(3)	
0·12	[illegible]				
0·54 MT @ Rs– 79162·59/MT					Rs– 66497=
8/32	prov. concrete for plain/ Reinf. Concrete in open found.^n per M-20 all cop.				
33·40	vide THB		P·N–	5	
			qty	4	
33·40	vide THB		P·N–	10	
			qty	4	
33·40	vide THB		P·N–	16	
=100·20 MB					R= 613000=

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
DI 100.20					
33.40	Vide TMB P.N- 22				
		9		4	
33.40	vide TMB P.N- 23				
			9	4	
167.04	@ R = 7043.76/M				= 1176308=
	supplying, fitting &				
9/37	placing HYSD Bar				
	Reinforcement in Sub				
	structure cell				
	cap.				
1.02	vide TMB P.N- 6				
			9	7	
1.02	vide TMB P.N- 11				
			9	7	
1.02	vide TMB P.N- 16/17				
			9	6	
1.02	vide TMB P.N- 23				
			9	6	
1.02	vide TMB P.N- 27				
			9	(5)	
= 5.1 MT	@ R = 79310.31/MT				
				R =	404483=

Continuation R = 2193791=

Sch. XLV-Form No. 134 = 2193791

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/36	prov. & laying				
	RCC M-25				
	all leap				
10.02	vide TMB P.N-7				
		qty	8		
10.02	vide TMB P.N-12				
		qty	8		
10.02	vide TMB P.N-17				
		qty	7		
10.02	vide TMB P.N-23				
		qty	7		
10.02	vide TMB P.N-28				
		qty	10		
= 50.10 M	B	B =	8128.09/M		
			B =	407217	
			B =	407217	
11/34	prov. & laying				
	PCC M-20 grade				
	in sub structure				
	all up				
16.24 M	vide TMB P.N-	5			
		qty	5		
16.24	vide TMB P.N-	10			
		qty	5		
16.24	vide TMB P.N-	16			
		qty	5		

Continuation

B = 2601008=

Sch. XLV-Form No. 134 B = 2601008=

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
16.24	vide TMB P.N — 22				
	qty H — 5				
16.24	vide TMB P.N — 29				
	qty 9				
= 81.20 M	@ B = 7293.65/M				
				B =	592244=
12/35	providing weep Holes Abt. Ref. all cap				
	vide TMB P.N —				
	qty — 6				
20.0	vide TMB P.N - 6				
	qty				
22.0	vide TMB P.N - 11				
	qty 6				
25.0	vide TMB P.N - 20				
	qty - 11				
21.00	provide TMB P.N - 25				
	qty - 12				
19.00	vide TMB P.N 30				
	qty 12				
107.00	@ B = 131.91/M.				
				B =	14114=

Continuation

B = 3207366=

Sch. XLV-Form No. 134 B = 3207366

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
13/	supplying fit, and placing HYSD Bar Reinforcement in Super Structure all cep				
0.38	vide TMB		P.N-	7	
			qty	9	
0.38	vide TMB		P.N-	12	
			qty	9	
0.38	vide TMB		P.N-	19	
			qty	8	
0.38	vide TMB		P.N-	28	
0.38	vide TMB		P.N-	24	
			qty	8	
1.90 MT	@ R= 8073.50/MT				B= 152899=
14/	prov. & laying RCC M-30 all cep.				
4.38 M³	vide TMB		P.N-	8	
			qty-	10	
4.38	vide TMB		P.N-	13	
			qty-	10	
4.38	vide TMB		P.N-	19	
			qty-	10	

Continuation

= 13.14 M³ B = 3360265

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
13.14					
4.38	Vide	THB	P.N-	24	
			qty —	9	
4.38	Vide	THB	P.N-	29	
			qty —	8	
21.90 M³	@ Rs 8877.12/M³				
					Rs 194409=
15/	providing, Filter Media all cap				
19.82	vide THB		P.N-	8	
			qty —	11	
19.82	vide THB		P.N-	19	
			qty —	9	
19.82	vide THB		P.N-	25	
			qty —	10	
19.82	vide THB		P.N-	29	
			qty —	10	
= 99.10 M³	@ Rs 3921.95/M³				388665=
16/	Prov. Back Filling all cap				
34.28	vide THB		P.N-	8	
			qty —	12	

Continuation

- Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
34.28	vide TMB pit				
34.28	vide TMB pit				
34.28	vide TMB pit				
34.28	vide TMB pit				
171.040 m³	@RS 737.60/m³				
				B = 126425=	
17/	providing drainage spout all cop				
4.0	vide TMB pit 25			13	
4.0	pm TMB pit 50			13	
4.0					
8.0	@ B = 467.39/n				
				B = 3739=	
18/	const. of Embankment with materials obtained from borrow pit.				

Continuation

B = 40,73,503=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	With Lifts upto				
	1.5mm				
	100 M-lead				
	~~vide TMB~~				
	As per Earth				=
	Work Qty. SHEET				
	vide TMB P.N-31/32				
	= 885.99 M³				
	@ Rs= 132.66/M³				
				Rs=117518	=
19/	Const. of Subgrade				
	& Earthen shoulder				
	with all lei				
	vide TMB P.N 33				
	9f- 1				
	= 4397.20 M³				
	@ Rs= 189.56/M³				
				Rs= 833601	=
20/	Const. of Granular				
	Sub-base (GSB)				
	Gr-1 all cap				
	vide TMB P.N- 33/34				

Continuation

Rs = 5024622

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	9the NO - 2				
	= 146 2·80 M^3				
	= 1462·80 M^3				
	@ b = 183 1·33/ M^3				
				R.S = 2678870	
				RS 7703492	
Less As per Ag 0·01% = (-) 770=					
				RS = 7702722=	
	Bhuey 05/5/2020				
	Materials consumption				
	(1) E/W - 5842·24 M^3				
	(2) Sand - 169·11 M^3				
	(3) Stone (Agg) - 322·63 M^3				
	(4) GSB - 1872·35 M^3				

Bhuey 05/5/20

Continuation