MMGSY-SC- अन्तर्गत पारधिखगांव प्रखण्ड में —
गोपालपुर से हरिजन टोला तक सड़क निर्माण कार्य
एवं पाँच वर्षीय परिरक्षण सहित कार्य।

Schedule XLV-Form No. 134

इकरारनामा की संख्या- 36 SBD/2020-21

इकरारनामा की राशि- 1,43,92,254/-

DIVISION

कार्य प्रारंभ करने की तिथि- 08.08.2020

कार्य पूर्ण करने की तिथि- 07.08.2021.

SUB-DIVISION

संवेदक- आलोक कुमार चतुर्वेदी,

Measurement Book

मापी पुस्तिका की संख्या- 96/2020-21.

प्रमाणित किया जाता है कि इस
मापी पुस्त में [illegible] पृष्ठ हैं
जो [illegible] कार्यपालक अभियंता
ग्रामीण कार्य विभाग कार्य प्रमंडल
[illegible] से निर्गत किया
जाता है।

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल, [illegible]
[illegible]/२०२०

Sch. XLV - Form No. 134

C.C. 13020540= DIVISION

M.C. 13[illegible] SUB-DIVISION

Measurement Book

No. 915-
2020-2

Name of officer ____________________

____

Date of first entry ____________________

Date of last entry ____________________

Ist Running on A/C Bill

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				Contents of area
	No.	L.	B.	D.	
Name of work — Construction of Road from Gobalpur to Horiain Tola					
Agency — Alok kumar Chaturvedi					
Agg. No — 36 SBB/ MMGS 4 2020-21					
Date of commence — 08/08/2020					
Date of complet — 07/08/2021					
Date of Entry — 15/04/2021					
Work done —					
(1) Earth work in excavate					
— do — cft.					
2 X 1	X 2.50	X 6.0	X 0.65	= 19.50	
2 X 2	X 2.50	X 1.30	X 1.80	= 23.40	
2 X 4	X 1.40	X 3.68	X 1.40	= 57.62	
				100.52m	
(2) Providing plain/reif. Pcc.					
M15 — do — cft.					
2 X 1	X 1.50	X 6.0	X 0.10	= 1.80	
2 X 4	X 1.40	X 2.68	X 0.20	= 6.00	
				7.80m	
(3) Providing Pcc		M20	—		
— do — Continuation cft.					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 X 4 X	1.000 X	2.275 X	0.20	= 3.64
	2 X 4 X	1.000 X	2.175 X	0.20	= 3.48
	2 X 4 X	1.000 X	2.075 X	0.20	= 3.32
	2 X 4 X	1.000 X	1.975 X	0.20	= 3.16
	2 X 4 X	1.000 X	1.875 X	0.20	= 3.00
	2 X 4 X	1.000 X	1.775 X	0.20	= 2.84
	2 X 4 X	1.000 X	1.675 X	0.20	= 2.68
	2 X 4 X	1.000 X	1.575 X	0.20	= 2.52
~~2~~	~~X 4~~	~~X 1.000~~	~~X 1.475~~	~~X 0.20~~	~~=~~
	2 X 2 X	1.500 X	0.300 X	1.500	= 2.70
					27.34 m³

(4) Providing placing reinforcement in sub structure — all cap

2 X 1 X 1.500	X 6.000	X 0.25	= 4.70	
2 X 2 X 6.000	X 1.000	X 0.25	= 6.00	
2 X 4 X 1.000	X 1.01	X 0.78	= 6.28	
2 X 4 X 1.000	X 1.0	X 0.075	= 0.60	
	2nd 17.38 m³			8.59 m³

(5) Providing wooden wedges

— do — all cap.

5 X 2 = 10

4 X 4 = 16

26 Nos. X 72 Rs.

(6) Supplying fitting ~~fitting~~ HYSD bars — Continuation — all

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2 x	13 x	2.7m	@ 0.624/m	=	43.524
4 x	7 x	1.4m	@ 0.394/m	=	15.288
2 x	13 x	6.30m	@ 0.894/m	=	145.782
2 x	41 x	1.80	@ 0.624/m	=	91.512
2 x	12 x	1.2m	@ 0.894/m	=	25.632
2 x	31 x	2.0	@ 0.624/m	=	76.88
2 x	31 x	1.70	@ 0.624/m	=	65.348
2 x	40 x	1.30	@ 0.398/m	=	40.56
2 x	90 m x	1.4	@ 0.394/m	=	99.44
2 rays =		1.148	MT		574.026m
(7) Sub-bending fitting HYSD bar					
—— do —— all cups					
2	x 13	x 6.3m	@ 0.624/m		= 101.58
2	x 41	x 1.7m	@ 0.624/m		= 86.43
2	x 12	x 1.2m	@ 0.894/m		= 25.63
2	x 4	x 1.80	@ 1.58 4/m		= 22.752
					236.34
		2 rays	= .472	MT = 0.2364 MT	
(8) Providing filter material					
—— do —— all cups					
2	x 2	x 4.26	x 0.60	x 0.70	= 7.16
2	x 4	x 0.40	x 0.60	x 1.22	= 2.34
					9.50m3
(9) Providing Back filling					
—— do —— all cups					
2	x 2	x 1.0	x 5.20	x 0.20	= 4.16

Continuation

2 x 2 x 1.0 x 4.26 x 0.78 = 13.20

17.36m3

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(10) Providing and laying M25 1m Sober structure — all ~~2x 2x 4.26 x~~					
	2 x 1 V	1.570	X 6.0	X 0.25	= 4.570
	2 x 4 x	6.07	X 0.61	=	0.54
	2 x 2 V	1.570	X 0.25	X 0.30	= ~~5.120~~ 0.26
					5.370 m3
(11) Construction of RCC Railing ——— do ——— all up.					
	2 x 2 x	1.50	=	6 m.	
(12) Providing drainage spout ——— do ——— all up					
		2 x 4	=	8 nos	
(13) Providing and laying wearing course ——— do ———					
	2	X 1.50	X 5.370	X 0.05	= 1.24 m3
(14) Providing setting out work by benchmarks					
		1 = 825 km			
(15) Providing Reference Pillar ——— do ——— all up					
		1 = 825 km			
(16) Clearing and Grubbing roadland ——— do ——— all					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	2	18.25 m	3.50	= 1.28 Hal.	
(17) Providing/ Removing all types of HP — do —					
	2	2.5	= 5 m.		
(18) Providing/ Box cutting — do — do —					
	2	13	30 m	x0.5 x0.10	= 40.95
	2	1	10 m	x0.5 x0.10	= 1.05
					41.50 m
(19) Construction of Embankment with approved material — do — do — Quantity as per standard					
S.No.	Chn.	Area	H.R.	Dist.	Va
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
	GAP.				
24					
25					
26					
27					
					~~4275.36m~~ 6152.23m
Less crust thus —					
Sub grade —					2287.32
Granular Sub base —					997.90
Stone metal Gr III —					518.41
CC pavement —					524.19
					1824.41m

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(20) Construction of embankment with approved material — do — all.					
80/.of Item (19)		= 1459.52 m³			
~~Item 996.28m~~					
(21) Construction of Embankment with approved material — do — all.					
20/.of Item (19)		= 364.88 m³			
(22) Construction of Subgrade and B/S here — do — all.					
1	X	18 X 30m	X 7.275 X 0.20	=	1178.55
1	X	1 X 20m	X 7.275 X 0.20	=	43.65
2	X	32 X 30cm	X 1.38 X 0.20	=	532.80
2	X	32 X 30cm	X 1.181 X 0.075	=	170.10
					1925.10
2	X	28m X 30cm	X 0.625 X 0.10	=	105.00
2	X	1 X 5m	X 0.625 X 0.10	=	3.125
2	X	28m X 30cm	X 0.625 X 0.075	=	78.75
2	X	1 X 25m	X 0.625 X 0.10	=	3.125
2	X	28m X 30cm	X 0.625 X 0.075	=	78.75
2	X	1 X 25m	X 0.625 X 0.10	=	3.125
					2287.50
(23) Construction of Granular Sub base — do — all.					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	18 X	30m	X 4.0	X 0.20	= 437.40
	1 X	20m	X 4.0	X 0.20	= 16.20
	1 X	20m	X 3.05	X 0.10	= 6.10
	28 X	30m	X 3.75	X 0.10	= 315.00
	1 X	25m	X 3.75	X 0.10	= 9.375
					784.075
24	Providing and				
	metal				
	1 X 32	X 30m	X 3.75	X 0.075	= 270
	1 X 28	X 30m	X 3.75	X 0.075	= 28.25
	1 X 1	X 20m	X 3.75	X 0.075	= 5.625
					511.837

15/4/19
J.E

Continuation

Abstract of cost

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(1) Provision of and fixing of Bench marks — do all as					
1=83 km Page (4) Item (11)					
@ 4045=65/km					7405=00
(2) Providing and fixing of Pillars — do all as					
1=83 km Page (4) Item (13)					
@ 1851=31/km					3387=
(3) Cleaning and Grubbing road land — do all as					
1=28 Hect Page (5) Item (6)					
@ 51193=76/ km					65451=00
(4) Dismantaling of Bricks — do all as					
HP culvert — all					
5 nos Page (5) Item (17)					
@ 176=53/m³					883=00
(5/11) Construction of embankment — do all as					
364=88 m³ Page (7) Item (21)					
@ 175=22/m³					63934=00
(6/12) Construction of embankment with approved material —					

Continuation

996.23 m³ P—(7) Item (20)

@ 141=14/m³ — 140608=00

281666=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(7/14) Construction of Granular					
Sub base — do —					
784 = 0.15 m³ Page (8) (23)					
@ 2798 = 37/m³					2194093 =
(8/13) Construction of Subgrade					
— do —					
2287 = 30 m³ Page (7) (22)					
@ 176 = 86/m³					404532 =
(9) Providing Stone metal					
Gr III — do —					
511 = 875 m³ Page (8) (24)					
@ 3445 = 84/m³					1763839 =
(15/23) E/w in excavation					
100.52 m³ Page (1) (1)					
@ 269 = 32/m³					27067 =
(11) Providing PCC 1:5:10					
2 = 80 m³ @ 5266 = 84/m³					410818 =
(12) Providing PCC 1:2:4					
27 = 34 m³ Page (2) (5)					
@ 5802 = 40/m³					
Continuation					158638 =
					4870914 =

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
13/41 Providing plain/reinforced M20 in substructure — do — allu 17=38 m3 P/e (2) in (4) @ 5989=80/m3 —					104103=
14/42 Providing weep holes — do — allu. 52 Nos P/e (2) in (5) @ 111=17/each —					5781=
15 Supplying HYSD Bars. 1=08 MT P/e (3) in (6) @ 49413=28/MT —					53366=
16 Providing Boulder filling — do — allu 7=86 m3 P/e (3) in (9) @ 2861=31/m3 —					22490=
17 Providing filter media — do — allu — 9=50 m3 P/e (3) in (8) @ 3111=88/m3 —					29563=
18 Providing RCC M25 — 5=50 m3 P/e (4) in (10) @ 6998=04/m3 —					38489=

Continuation

5/24706=

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(19) Supplying of filling 1450 bag					
do all					
0.468 MT page (8) to (9)					
@ 50377.81/MT					9397=00
(20) Construction of Railing					
do all					
6.00 page (8) to (8)					
@ 6613.24/sqm					39[illegible]=00
(21) Providing drainage s/pipe					
8 nos page (8) to (9)					
@ 518=5 /each					4148=00
(22) Providing necessary cost					
do all					
1.24 m³ page (9) to (10)					
@ 10547.28/m³					13079=00
					519404=00
Less 21% below					(-)110886=00
					513198=00
[signature] 13/12/22					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) Supplying and fitting 450 Bag					
—— do —— all					
0.46 MT page (8) to (8)					
@ 50592=81/MT					23275=00
(20) Construction of Railing					
—— do —— all					
600 page (8) to (8)					
@ 66170=74/cm					89940.60=00
(21) Providing dormery & s/c					
8 nos page (9) to (12)					
@ 518=53/each					4148=00
(22) Providing carrying ca...					
—— do —— all					
1=24 m² page (9) to (13)					
@ 10547=28/m³					13079=00
					5184014=00
less 0.21% below					(−) 10886=00
					5173128=00
[signature] 13/4/21 JE					

Continuation