प्रमाणित किया जाता है कि इस मापीपु

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.	
Ist RIA Bill					
Name of work – Const of					
road from					
Palliya school to					
Musahar toli Road.					
Block – Gaunaha.					
Head – MMGSY.					
Agency – Ujjain Infrastructure					
Pvt. Ltd.					
B-101, Dera Apartment,					
Shekhpur.					
Agree. No – 54/2019-20					
Agree value – Rs 1,05,93,057.00					
(0.26 % below)					
Date of w.o. to C – 28-01-2020					
Time required – 27-01-2021					

Continuation

पुनाविन्यास किया जाता है कि स्व मानीय

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(i) Const of Benchmark and Reference Pillar - B					
(ii) Const of Reference Pillar/ Burjees = 49 Ha. = 1.230 km.					
(2) Clearing & grubbing road land — BIF					
2 + 1230 × 1.50 (av) = 0.37 Ha.					
(3) Const of embankment with approved material — BIF.					
$1 \times 100 \times \left\{\frac{6+8.00}{2} \times 0.80 - \frac{3.50+4.00}{2} \times 0.60\right\}$ (av) = 335.00 m³					
$1 \times 200 \times \left\{\frac{6.0+8.00}{2} \times 0.80 - \frac{3.50+4.00}{2} \times 0.60\right\}$ (av) = 898.00 m³ (670)					
$2 \times 100 \times \left\{\frac{6.0+8.50}{2} \times 0.75 - \frac{3.0+4.0}{2} \times 0.60\right\}$ (av) = 667.50 m³					
$1 \times 50 \times \left\{\frac{6.00+8.50}{2} \times 0.60 - \frac{3.0+4.00}{2} \times 0.60\right\}$ (av) = 112.50 m³					
C.o. T = ~~2013.00 m³~~					

Continuation = 1785.00

प्रमाणित किया जाता है कि रस प्रमाणि...

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F = ~~2013.00~~ 1785.0 m3			
	Say in limit = ~~1815.00~~ m3				
(A) Const of embankment - lead upto 1000m - - B/F					
70% of ~~1815~~ 1785.0 m3					
				= ~~1271.00~~ 1249.50 m3	
(B) Const of embankment lead upto 1000m - B/F					
30% of ~~1815~~ 1785.0 m3					
			=	~~544.00~~ 535.5 m3	
(2) Const of sub grade & earthen shoulder with approved material - - B/F. lead upto 1000m -					
	2x	200 x	1.50x	0.20(av)	= 120.00m3
	2x1	90 x	1.50x (av)	0.20	= 114.00m3
		(av)			
			T	= 23	4.00 m3
(3) Excavation of road ways in soil - - B/F					
BT Portion	2x	555 x	0.525 (av) x	0.10	= 58.28 m3
PCC	2x	675 x	0.375 (av) x	0.10	= 50.63
				= 1	08.91 m3

Continuation

प्रमाणित किया जाता है कि इस माप...

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) R.C.C. Box Culvert.					
	1.0 × 1.0 m. span = 3 Nos.				
(4)					
E/W excavation in					
fdn trench					
Raft –	1 ×	1.50 ×	6.00 ×	0.80 (av) =	7.20 m
C/W.	2 ×	6.50 ×	0.50 ×	1.20 =	7.80 m
				T =	15.00 m3
for	3 ×	15.00	=		45.00 m3
(5) Sand filling in fdn					
& all — — do					
Raft.	3 ×	1.50 ×	6.00 ×	0.10 =	2.70 m3
D.C/W	3 × 2 ×	6.50 ×	0.50 ×	0.10 =	1.95
				T =	4.65 m3
(6) Prov. P.C.C. M15 in plan					
fdn — — E/I					
Raft.	3 ×	1.50 ×	6.0 ×	0.10 (av) =	2.70 m3
C/W	3 × 2 ×	6.50 ×	0.50 ×	0.25 (av) =	4.88
				T =	7.58 m3
(7) Prov. R.C.C. M25 in Box					
cell complete — — E/I					
Raft.	3 ×	1.50 ×	6.00 ×	0.21 =	5.67 m3

Continuation (av) C/O = 5.67 m3

यह प्रमाणित किया जाता है कि उक्त मापियां

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
			B.F	= 5.67	67 m³
Ab.	3×2×	6.00×	0.25×	1.00 =	9.00 m³
D-Slab.	3×	1.50×	6.00×	0.21 =	5.67
Parapet.	3×2×	1.50×	0.30×	0.60 =	1.62
D/W.	3×2×	6.50×	0.30×	1.00 (av) =	11.70
R.W.	3×4 ×	2.15×	0.30×	1.21 =	9.37
Hunch.	3×4×	½×0.15×	0.15×	6.0 =	0.81
				T =	43.84 m³
⑧ Prov. weep hole in PCC Ab, w.w. @ R.D					
& all complete					
	3×10 = 30 No.				
⑨ Supplying, fitting & placing HYSD bars reinforcement in substructure — B(A)					
(a) Raft - 10mmφ.					
	3×3	0×1.70 (av)		=	153.00 m
	3×3	2×1.70		=	163.20 m
	3×2×	6.40	×7 (av)	=	268.80
L	3×2×	32×	1.50 (av)	=	288.00
				=	873.00 m
(b) 8mmφ rod.					
	3×2	×32×	1.15	=	220.80 m
10mmφ Ab.	3×4	30×	1.50	= 36	0.00 m

Continuation

प्रमाणित किया जाता है कि इस मापीयन

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
~~(c)~~					
Ab. 10 mmφ.					
[	3×2×36×2.90			=	626.40
]	3×2×26×2.90			=	452.4
—	3×4 ×6.40×[illegible]×10			=	168.00 ~~768~~
D. Cut off wall.	3×4 ×1.50			=	18.00
6 mmφ. [ ] (d)	6 mmφ and			T =	~~1173.6~~
	3×4× 6×5.50				1864.
				=	396.0
(e) Deck slab	10 mmφ.				
—	3×40×1.90			=	228.00
—	3×2× 8× 6.40			=	~~614.40~~ 307.20
Parapet	3×4×18 ×4.50			=	432.00
12 mmφ. (f)			967.2	=	1274.00
—	3× 42×1.90			=	239.40 m
(g) 8 mmφ. L	3× 2×18×1.5			=	162.00
⌐	3× 2×39×1.15			=	234.60
Parapet.	3×2×4×1.80			=	43.20
					~~87.20~~
				T =	439.80

Total reinforcement weight.

10 mmφ	~~[illegible]~~ +(c+d)				
	~~642.20 + 1173.60~~ +				
	1274.00 = 3089.80 m.				
	3089.80×0.62 kg/m				
				=	1915.70 kg.
12 mmφ.	239.40×0.89 kg/m				
				=	213.00 kg.

Continuation

C/o 2128.70 kg

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			BF =	2128.70kg	
8mmφ	220.80 + 439.80				
	= 660.60 x 0.40 kg/m				
			=	264.20kg	
6mmφ -					
	396.0 x 0.22 kg/m				
			=	87.10kg	
			T =	2480.00kg	

Total weight

10mmφ.rod -					
	873.00 + 1864.00 + 360				
	967.2			4064.20	
4064.20 +	1274.00		=	371.0m.	
4371.00	4371.0 x 0.62 kg/m			=	2519.804
				=	2710.0kg
				=	2786.80kg
12mmφ	239.40 x 0.89 kg/m				
				=	213.00kg.
8mmφ -	220.80 + 439.80				
	= 660.60m x 0.40				
	kg/m		=	264.20kg.	
6mmφ.	396.0 x 0.22 kg/m				
			=	87.10kg.	
			T =	3274.30kg.	

Continuation = 3274.30kg

3084.104

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			3084.104		
		RF = 3274.30 kg.			
		~ 3274. kg.			
			3084.104		
Sd/- 24.5.20 OE			Sd/- 24.5.2020 A.E.		
① Back filling behind Ab, Wing wall & R.W. Complete — — B.F.					
	3×2×6.00×1.0×0.60 =				21.60m³
② Const. of G.S.B. Gr. I material and all Complete — — Job.					
BT Portion.	2×	12×30	×0.525	×0.10 =	37.80m³
Over layer	12 ×	30 ×	4.05 ×	0.10 =	145.80
PCC Portion:	2×16×	30×	0.375 ×	0.10 =	36.00
Add extra for (walls) & Pot Repair	1230×	3.00×	0.10×	8/100 =	29.52
			T =	249.12m³	

Sd/- 5.06.20 OE

Continuation

Sd/- 6.6.2020 A.E.

Sch. XLV-Form No. 134

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

ABSTRACT OF COST

① Const. of Bench Mark & reference Pillar — E/I

(i) Const. of Reference Pillar / Burjee. — B/R

qty vide T.M.B. Page ②

= 1.230 km

@ Rs 13891.23 / km = Rs 17,086.00

② clearing & grubbing road land — B/R

qty vide P ②

= 0.37 Ha.

@ Rs 49809.13 / Ha

= Rs 18429-00

③ Const. of Embankment with approved — E/D

lead up to 1000 m

qty vide P. ③ (B)

= ~~544.~~ 535.40

@ Rs 187.92 / m3 = Rs ~~1,02228~~ 1,00617

④ Const. of Subgrade & earthen Shoulder — B/R

lead 1000 m

qty vide P. ③ item (2)

Continuation

C.O = Rs ~~1,37,7~~

1,36,12?

B.F Rs 1,36,127=00

1,38,121=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = Rs 177749.00		
	= 234.00 m3				
	@ Rs 189.80 /m3			= Rs 44413.00	
⑤/5 Cont. of embankment					
Lead of upto 100 mts - B.I					
qty vide P. ③ ④					
	= 4815.00 m3				
	= 1249.5 m3				
	@ Rs 143.08 /m3			= Rs 178778=00	
⑥/6 Box cutting					
	Excavation dispose				
	way cutting - B.I				
	qty P. ③				
	= 108.91 m3				
	@ Rs 82.01 /m3			= Rs 8932.00	
⑦/27 E(W) excavation in					
fo dn trench - B.I					
	qty vide P. ④				
	= 45.0 m3				
	@ Rs 285.71 /m3			= Rs 12857.00	
⑧/28 Sand filling in fdn - B.I					
	qty P. ④ = 4.65 m3				
	@ Rs 455.62 /m3			= Rs 2119.00	

Continuation

C.O = Rs 387919.00

3,83,226=00

Sch. XLV-Form No. 134 B.P - 383236.00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B.F - Rs 383719.00		
(9)/29 Prov. R.C.C. M15 for in foundn - - - E.I.C					
	qty P. (4)				
		= 7.58 m3			
@ Rs 7748.14/m3 = Rs 58731.00					
(10)/30 Prov. R.C.C. gr M25 Concrete in Box cell - - E.I.C					
	qty (5)				
		= 43.84 m3			
@ Rs 9764.29/m3 = Rs 428066					
(11)/31 Back filling behind Ab, w.w & R.W. and all - - - E.I.C					
	qty P. (8)				
		= 21.60 m3			
@ Rs 3964.68/m3 = Rs 85637.00					
(12)/32 Prov. weephole in Ab, R.W. & all complete - - E.I.C					
	qty P. (5)				
		= 30 No			
@ Rs 103.40/No = Rs 3102.00					

Continuation c/o Rs 963455.00

958762.00

प्रमाणित किया जाता है कि इस मापपुस्

Sch. XLV-Form No. 134

9,58,762=00

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	B.F = Rs 9,63,455.00				
(13)/34 S/F/Placing HYSD bar in sub.structure — E/I					
	qty p. (8) 3084.104				
	= 5274.m kg				
	say to limit ≃ 3230 kg				
	≃ 3.084 3.23 mT				
	@ Rs 77541.50/mT				
	= Rs 250459.00				239138=00
(14)/8	@ as per G.S.B. ...				
	C ... — T/I				
	qty p. (8)				
	= 249.12 m³				
	@ Rs 3835.04/m³				
	= Rs 9,55,385.00				
	T = Rs 21,69,299.00				21,53285=00
Less @ 0.26% below	= (−)				5640.00 / 5599=00
	T = Rs 21,63,659.00				2147686=00
Wrd 05-06-20 OB	Sd/- 06-06-2020 A.E.				

Continuation

2123568=00

Memo of Payment Rs. 2123568=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8%	S.D	—	169,	885=00	
2%	I.T	—	42,	471=00	
1% CGST		—	21,	236=00	
1% SGST		—	21,	236=00	
1% Cess		—	21,	236=00	
Royalty		—	149,	708=00	
S.Fee		—	12	514=00	
Total Deduction		—	438,	286=00	
By cheque		—	1685,	282=00	
Total Rs		—	2123	568=00	

Passed for Rs 2,23,568=00
(Rupees Twenty one lacs twenty three thousand five hundred sixty eight only)

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल नरकटियागंज
बिहार सरकार

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2nd	R/A	Bill		
Name of work —					
		Construction of			
road		from Palia			
school		to Mushahar			
tola		road.			
Agency —		Vijain Infrastructure			
		Pvt. Ltd.			
Agreement No —		54/2019-20			
Date of start —		28-01-2020			
Time allowed —		27-01-2021			
① Construction of G.S.B.					
gr I material & all					
complete —				3.03.	
BT Portion.	2×6	×30×	0.525	×0.100 (av)	= 18.90 m³
	2×1	×15	×0.525	×0.100	= 1.58
for PCC Portion	2×6	×30 m×	0.375	×0.100	= 13.50
	2×1	×15 m×	0.375	×0.100	= ~~1.120~~ 1.125
overlayed BT	1× 6	×30×	4.05	×0.100	= 72.90
	1×1	×15	×4.05	×0.100	= 6.08
					114.085
			T	=	~~114.09 m³~~
W.H. Culvert.	3×1	·0×4	·05×0	·10 =	(-) 1.22

Continuation

Net = ~~112.87 m³~~ 112.865

Say. 112.87

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
[illegible]					
[illegible]					
BT [illegible]	10×	(9.10+3.75)/2	× 0.075		
				Say =	4.82
	10×	30×	3.75×	0.075 =	84.375
	1×	10×	3.75×	0.075 =	2.813
[illegible]					
	10×	30×	3.75×	0.075 =	84.375
	10×	30×	3.75×	0.075 =	84.375
	2×	30×	3.75×	0.075 =	16.875
Connecting -	4×	15× {(3.75+[illegible])/2			
	−	3.75)}	× 0.075 =		1.87
	1×	15×	3.75×	0.075 =	4.219
BT [illegible]	7×	30×	3.75×	0.075 =	59.063
	1×	15×	3.75×	0.075 =	4.219
[illegible]	1×	10×	(6.70+3.75)/2 ×		
			0.075 Say =		3.919
				T =	350.923 m³
Less -	3×	1.00×	3.75×	0.075 =	0.844
			Net	=	350.079 m³
		Say for bill		=	348.55 m³

Sch. XLV-Form No. 134

Particulars	No.	L.	B.	D.	Contents of area
(3)	Const of unreinfor cement plain cement concrete M25 grade &c all — sub.				
	1st floor upto height.				
	1×	15.00	×3.75	×0.160	= 9.00 m³
	6×	15×	3.75×	0.160	= 54.00
	2×	15×	3.75+3.85 / 2	×0.160	= 18.24
	4×	15×	3.75×	0.160	= 36.00
C	1×	15×	(3.75+4.60+3.75) / 3		
				×0.160	= 9.68
	5×	15×	3.75×	0.160	= 45.00
	1×	15×	(3.75+3.80)/2	×0.160	= 9.06
	5×	15×	3.75×	0.160	= 45.00
C	3×	15×	(3.75+5.00+3.75) / 3		
				×0.160	= 30.00
	5×	15×	3.75×	0.160	= 45.00
	1×	15×	(3.75+4.60+3.75) / 3		
				×0.160	= 9.68
	1×	15.00×	3.75×	0.160	= 9.00
	10×	15×	3.75×	0.160	= 90.00
					(90)
				T =	409.66 m³
		Say to limit		=	409.00 m³

Continuation

[signature] 30.09.20

[initials]

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	ABSTRACT OF COST				
①/1 (iii)	Const of reference Pillar/Bunjees.				
	qty vide MB P-⑨				
	= 1.123 Km				
	@Rs 13891.27 / Km				
	= Rs 17				086.00
②/2	Clearing & grubbing road land &				
	E/C				
	qty vide P-⑨				
	= 0.37 Ha				
	@Rs 49809.13 / Ha				
	= Rs 18				429.00
③/3	Const of embankment with lead upto 1000m				
	& E/C				
	qty P-⑨				
	= 535.40 m3				
	@Rs 187.92 / m3 = Rs 1				00612.00
④/4	Const of subgrade & earthen shoulder lead upto 1000m.				
	qty P. ⑨ = 234.00 m3				
	@Rs 189.80 / m3 = Rs 44				413.00

Continuation

C.O = Rs 180540.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = Rs 18		0,540-00
(5)/5	Const of embankment				
	Lead up to 1000m —				
	qty P - (10)				
			= 1249.	50m3	
	@ Rs	143.08/m3		= Rs 1	78778.00
(6)/6	Excavation of				
	road way in soil — 15/e				
	qty P.		(10)		
			= 108.	9/m3	
	@ Rs 82.01/m3			= Rs 8	932-00
(7)/8	Const - of G.S.B.				
	gr I and				
	all complt job.				
	qty P. (15)				
		=	249.12m3		
	qty P. (15) =		112-87		
		T =	361.99m3		
	@ Rs 3835.04/m3				
				= Rs 13	88246.00
(8)/9	Prov. & laying WBM				
	gr III — E12				
	qty P.(16)		= 348.55 m3		
	@ Rs 4749.42/m3				
				= Rs 16,5	5,410.00

Continuation

C.o = Rs 34,11,906.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = Rs 34,11906-00		
(9)/27	E/W excavation in foundn — E/17				
	qty P. (10)				
			= 45-00		
	@ Rs 285.71/m3				
			= Rs 12857-00		
(10)/28	Sand filling in foundn trench — E/18.				
	qty P-(10) = 4.65 m3				
	@ Rs 455.62/m3 = Rs 2119-00				
(11)/29	Prov. P.C.C M15 in foundn — E/18				
	qty P-(11)				
			= 7.58 m3		
	@ Rs 7748.14/m3				
			= Rs 58,731-00		
(12)/30	Prov. R.C.C. gr M25 Concrete in Box Cell — E/18				
	qty P. (11)				
			= 43-84 m3		
	@ Rs 9764-29/m3				
			= Rs 4,28,066-00		

Continuation

C.O = Rs 39,13,679.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F = Rs 39		13679.00
(13)/31	Back filling Ab,				
	co. wall & R-wall &				
	all ——— Sub.				
	qty P. (11)				
		=	21.60	m3	
	@Rs 39	64.6	8 / m3		
			= Rs 8	5	5637.00
(14)/32	Provi. weep hole				
	in Ab & w.w. &				
	all complete —				
	qty P-(11)				
		=	30 No		
	@Rs 1	03.4	0/No		
			= Rs	31	02.00
(15)/34	S/F/ Placing HYSD				
	bar reinforcement				
	———		E/E		
	qty P-(12)				
		= 3.08	4 mt.		
	@Rs 77	541.50	/mT		
			= Rs 2,3		9,138.00
		C/T = Rs		42	41556.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			BF = Rs 4		24,1556.—
(18)/13	Const of Plain				
	C.C.P grade				
	M 25 9 — E12				
	qty P. (17)				
		= 409.00 m3			
	@Rs 8830.30/m3				
			= Rs	36	11,593.00
			T = Rs	78	53,149.00
	Less @ 0.26% below		= (-)	20	418.00
			T = Rs	78	32,731.00
	Less Payment P - (12)		= (-)	21,23	568.00
			T = Rs	57,09	163.00
limited as per Allotment			Rs	39,96	414.00
Vsingh 30.8.20 OTE					

Continuation

CSP 4/11/20

P.T.O.

Sc

Part

Royalties Not
Roy — 55102=00
S.Fe — 38042=00
93544=00

Consumed Material

(i) C. Sand — 227.40 m3
(ii) Stone metal — 522.88 m3
(iii) Stone screening material — 83.65 m3
(iv) Stone chips — 368.00 m3
(v) Cement — 1431.15 t.

[signature]
30.8.20

Memo of Payment Rs — 39,96,414=00

80%	S.D —	319713=00
2%	I.T —	79928=00
1% —	CGST —	39964=00
1% —	SGST —	39964=00
1%	L-cess —	39964=00
Royalty —		107733=00
S.Fee —		18737=00
Total deduction —		646003=00
By cheque —		3350411=00
Total —		3996414=00

Passed for Rs 3996414=00 (Rupees Thirty nine lacs ninety six thousand four hundred fourteen) only

[signature] 7/12/20

Continuation

कार्यपालक अभियंता
ग्रामीण कार्य विभाग, कार्य प्रमण्डल
नरकटियागंज
[signature] 5/12/20