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MEASUREMENT BOOK

Uttain Infrastructure Pvt Ltd.

SUB-DIVISION

Block - Madhubani
Executive Engineer
Roads Division, Bagaha-2

Rate - 0.11/- bellans/s/r
DIVISION

Ag. No - 09 SBD/MMAS, NDB/2023-024

MMAS, NDB BRP-614, Bagaha-2

Schedule XLV-Form No. 134

Name of Road - "Govehiya madhya vidyalay to Govehiya"
Bagaha-2

2nd and Final bill

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Sch.XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⇒ Name of work - Const. of Road from CD from "Govekhiya madhyaridya" - Lay to Govekhiya Bazar" under MMHSY, NDB (2023-024)					
⇒ Agency - UJTain Infra structure Pvt Ltd (AT - Deva Apartment, Baily Road Shekhpura, Patna)					
⇒ Agreement No - 09/SBD/MMHSY, NDB 2023-02					
⇒ Approved Rate - 0.11% Below					
⇒ Date of Commence - 16-03-2023					
⇒ Date of Completion - 15-03-2025					
Record Entry					
1/(02) - clearing & grubbing					
Road Land - do - do					
all 4 jobs					
2 x 30m x 1.50m (av) = 90.00 m ²					
2 x 20m x 1.50m (av) = 60.00 m ²					
T = 150.00 m ² = 0.015 Hec					
24 CD work slab Cc/vel - 1 No (Size - 5m x 2m)					
2/(27) - Earth work in excavation of foundation trenches - do - do - all 4 jobs					
Abutment - 2 x 9.30 x 2.70 x 1.80 = 90.40 m ³					
R/W - 4 x 1.60 x 2.483 x 1.80 = 28.66 m ³					
Continuation = 119.06 m ³					

Abstract of Cost (for 2nd and final bill)

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
⇒ Name/Work - const. of road & C.D.					
from "Goverahiya madhy vidyalay					
To Goverahiya Bazar"					
(Mm 457, NDB/2023-024)					
⇒ Agency - UJJAIN Infra structure					
Pvt Ltd.					
(AT- Deva Apartment, Baily Road					
Set Shekhpura, Patna)					
⇒ Agreement					
No- 09 SBD/Mm 457, NDB/					
2023-024					
Approved Rate - 0.11 % Below.					
⇒ Date of commencement - 16-03-2024					
⇒ Date of completion - 15-03-2025					

1/(61) - Setting out pillars				
providing and fixing of				
(i) B.M. pillars				
8ty wide P(11)/TMB = 2 Nos.				
@ Rs 5713.47/m ³ = Rs 11,427=				
(ii) Reference pillars				
8ty wide P(11)/TMB = 7 Nos.				
@ Rs 2692.25/cast = Rs 18,846=				
2/(02) - clearing & grubbing Road				
Land do - do -				
8ty wide P(11)/TMB = 0.54 Hact.				
8ty wide P(17)/TMB = 0.015 "				
T = 0.56 Hact				
@ Rs 75573.34/Hact = Rs 42,321=				

Continuation = Rs 72,594=



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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B. F. Amount					= Rs 725.94 =
3/(03) Box Cutting - Excavation for Roadway in soil using					
do do all					4506.
8ty wide P(12)/TMB =					178.50 m ³
8ty wide P(23)/TMB =					15.75 "
					T = 194.25 m ³
@ Rs 103.96/m ³					= Rs 20,194 =
4/(04) - construction of Embank.					
With mate rial obtained from					
Road Cutting - do - do - all					clt
8ty wide P(12)/TMB =					107.10 m ³
8ty wide P(27)/TMB =					9.75 "
					T = 116.55 m ³
@ Rs 81.26/m ³					= Rs 9471 =
5/(05) - construction of Embankment					
With approved materials obtained					
from borrow pits Lead up					
to 100 M - do - do - all					clt
8ty wide P(12)/TMB =					5562.250 m ³
8ty wide P(30)/TMB =					705.73 "
					T = 6267.98 m ³
@ Rs 195.89/m ³					= Rs 12,27,835 =
6/(06) - construction of earthen shoul.					
- der with approved mat.					
do do all					clt
8ty wide P(28)/TMB =					1308.03 m ³
@ Rs 264.42/m ³					= Rs 3,45,869 =
					1
Continuation					= Rs 16,75,963 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B-f. Amount					= Rs 1675.963 =
7/(07) - G.S.B. with well graded materials					do do all c/s.
8ty wide P(12)/TMB					= 922.50 m ²
8ty wide P(24)/TMB					= 95.37 "
					T = 1017.87 m ²
@ Rs 4218.24/m ²					= Rs 4293.620 =
8/(08) - WBM Gr-3 - providing					
laying, spreading and					
compacting - do - do - all c/s.					
8ty wide P(13)/TMB					= 478.125 m ²
8ty wide P(24)/TMB					= 52.60 "
					Net 8ty = 530.72 m ²
@ Rs 7254.81/m ²					= Rs 3865.929 =
9/(09) - Prime coat (Low porosity)					
- p/v. and applying primer					
Coat with bitumen emulsion					
(SS-1) on prepared surface					
do do all c/s.					
8ty wide P(25)/TMB					= 707.6.25 m ²
@ Rs 57.81/m ²					= Rs 409.078 =
10/(10) - Tack coat - p/v. and app-					
- lying tack coat with bitu-					
- men emulsion (RS-1) - do -					
do do all c/s.					
8ty wide P(26)/TMB					= 707.6.25 m ²
@ Rs 19.84/m ²					= Rs 1,40,393 =
Continuation					= Rs 103,84,983 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B. f. Amount					= Rs 1,03,84,983=
11/(11) - Mix seal surfacing					
(MSS) T- B'- P/W. laying					
and rolling - do - do - all C/S.					
Qty vide P(27)/TMB=7076.25					
@ Rs 324.42/m ²					= Rs 22,95,677=
12/(12) - Kilometer Stone.					
R.C.C. 175 grade Kt - do -					
(1) - ordinary kilometer					
Stone (precast)					
Qty vide P(31)/TMB = 2 Nos					
@ Rs 3610.04/each					= Rs 7220=
(ii) - 200m Stone (precast)					
Qty vide P(31)/TMB = 8 Nos.					
@ Rs 933.35/each					= Rs 7,468=
13/(13) - providing & fixing					
Logo of M.H.S.Y project					
do - do - all C/S.					
Qty vide P(31)/TMB = 2 Nos.					
Qty vide P(13)/TMB = 2 Nos					
T = 4 Nos					
@ Rs 15956.95/each					= Rs 63,828=
14/(14) - painting new letter &					
figure - do - do - all C/S.					
Qty vide P(31)/TMB = 264 cm					
@ Rs 0.75/cm					= Rs 198=

Continuation = Rs 1,27,59,374=

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Q. f. Amount				= Rs	1,27,59,374=
15/(15) - Boundary pillars R.C.C.					
m-15 grade - do-do-all c/s					
Qty vide P(31)/TMB = 48 Nos					
@ Rs 725.40/each				= Rs	34,819=
16/(16) - Retro-reflectorised					
Traffic signs - do-do-					
all c/s.					
(i) 600mm equilateral Triangle					
Qty vide P(31)/TMB = 8 Nos.					
@ Rs 6259.55/each				= Rs	50,076=
(ii) - 600mm Circular					
Qty vide P(31)/TMB = 12 Nos					
@ Rs 8156.60/each				= Rs	97,879=
(iii) 600mm x 450mm Rectangular					
Qty vide P(31)/TMB = 4 Nos					
@ Rs 7962.41/each				= Rs	31,850=
(iv) 900mm side Octagone.					
Qty vide P(31)/TMB = 2 Nos.					
@ Rs 13967.24/each				= Rs	27,934=
17/(17) - Road marking with					
hot applied thermoplastic					
Compound with - do-do-					
all c/s.					
Qty vide P(32)/TMB = 370.4m ²					
@ Rs 886.46/m ²				= Rs	3,27,990=
				= Rs	1,33,29,922=

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B-f Amount					= Rs 13329922
18/(18) - planting of tree					
by the road side - do -					
do - all c/sk.					
Qty vide P(32)/TMB					= 185 nos
@ Rs 1288.82 / each					= Rs 238432
(Payment Release only 30%)					
19/(19) - Brick masonry work					
in cement mortar (1:3) in					
parapet wall - do - do - all c/sk.					
Qty vide P(32)/TMB					= 2.88 m ³
@ Rs 7473.79 / m ³					= Rs 21525
20/(20) - plastering with C.M.					
(1:4) on brick work - do -					
do - all c/sk.					
Qty vide P(32)/TMB					= 20.16 m ²
@ Rs 306.18 / m ²					= Rs 6173
21/(21) - painting two coats in -					
- cluding primer coat - do -					
do - all c/sk.					
Qty vide P(32)/TMB					= 20.16 m ²
@ Rs 136.22 / m ²					= Rs 2746
22/(22) - earth work in excavation					
for found ⁿ of structures					
do - do - all c/sk.					
Qty vide P(13)/TMB					= 76.78 m ³
@ Rs 398.62 / m ³					= Rs 30606
Continuation					= Rs 136,29,404

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Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
B- f. Amount				= Rs 1,36,294.00
23/(23) - p/w. M-15 PCC (1:2.5:5)				
as leveling course in				
foundry - do - do - all 4 job.				
Qty vide P(13)/TMB = 13.14 m ³				
@ Rs 9629.33/m ³				= Rs 1,26,529.00
24/(24) - plain cement concrete				
in sub structure - do - do -				
all 4 job.				
Qty vide P(14)/TMB = 81.502 m ³				
@ Rs 79.25/m ³				
@ Rs 10767.28/m ³				= Rs 8,53,307.00
25/(25) - p/w. and Laying				
R.C.C. pipe 150 mm dia				
Culvert of R.C.C. (M-10)				
do - do - all 4 job.				
Qty vide P(14)/TMB = 22.50 m				
(ii) 600 mm dia				
@ Rs 3422.36/m				= Rs 77003.00
(iii) 1000 mm dia = 7.50 m				
@ Rs 8096.04/m				= Rs 60720.00
26/(26) - painting on parapet				
Wall (black & white strips)				
painting two coats - do -				
do - do - all 4 job.				
Qty vide P(33)/TMB = 58.08 m ²				
@ Rs 136.22/m ²				= Rs 7912.00
27/(27) - Scaffolding work in excavation				
- 11 m of 400 mm x 400 mm trenches				
do - do - all 4 job.				
Qty vide P(18)/TMB = 181.10 m ³				
Limited to 181.09 m ³				
@ Rs 398.62/m ³				= Rs 72,186.00
Continuation				
				= Rs 1,47,663.40
				= Rs 1,48,27,061.00

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= Rs 148,27061 =

Particulars	Details of actual measure			Contents of area
	No.	L.	B.	
B. f. Amount				147,663.41 =
28/(28) - Sand filling in found ⁿ				
Trenches. do do all 45.				
Qty vide P(18)/TMB = 4.12 m ³				
@ Rs 575.24/m ³				= Rs 2,370 =
29/(29) - P/V. M-15 PCC (1:2.5:5)				
as leveling course in				
found ⁿ do do all 450.				
Qty vide P(19)/TMB = 31.13 m ³				
@ Rs 9629.33/m ³				= Rs 299,761 =
30/(30) - P/V. PCC. M-15 (1:2.5:5)				
Concrete for plain cond.				
in open found ⁿ do -				
do do all 450.				
Qty vide P(19)/TMB = 102.90 m ³				
Limited to - 102.88 m ³				
@ Rs 9629.33/m ³				= Rs 9,90,665 =
31/(31) - P.C.C. in cement conc.				
in sub structure do -				
do do all 450.				
Qty vide P(20)/TMB = 46.54 m ³				
@ Rs 10342.02/m ³				= Rs 4,81,318 =
32/(32) - R.C.C. (M-20) in sub-struct.				
- true do do all 450.				
Qty vide P(21)/TMB = 4.04				
Qty vide P(22)/TMB = 5.28				
T = 9.32 m ³				
@ Rs 10767.28/m ³				= Rs 1,00,351 =
				1

Continuation = Rs 1,66,40,806 =

= Rs 1,67,01,526 =

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= Rs 1,67,015.26 =

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
B. f. Amount					= Rs 1,66,40,806 =
33/(33) providing R.C.C.M-25					
in deck slab in super					
Structure - do-do-all 45					
Qty vide P(22)/TMB = 18.58					
					M ³
@ Rs 11989.92/M ³					= Rs 2,22,773 =
34/(34) supplying fitting					
and placing HYSD					
bar Reinforcement					
do do all 450					
Qty vide P(21) = 1487.66 kg					
					TMB
Qty vide P(20)/TMB = 282.90 kg					
					T = 1770.56 kg
					= 1.77 MT

	Limited L	/ 1.769 MT		
@ Rs 75,520.11/MT				= Rs 1,33,595 =
35/(35) - providing and filling				
Joint Sealing compound				
do do all 450				
Qty vide P(22)/TMB = 15.4 M				
@ Rs 55.16/M				= Rs 827 =
36/(36) - providing weep holes in				
abutment - P/A weep holes				
do do all 450				
Qty vide P(22)/TMB = 24 Nos				
@ Rs 151.59/each				= Rs 3638 =
37/(37) - Drainage Spout - do -				
Qty vide P(22)/TMB = 2 Nos				
@ Rs 662.42/each				= Rs 1325 =

Continuation = Rs 1,70,02,964 =

= Rs 1,70,63,684 =

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
S-f Amount					= Rs 17002964
38/(38) - providing painting					
on parapet wall painting					
two coats including					
primer do do all 4536					
Qty vide P(23)/TMB = 3616 m ²					
@ Rs 136.22/m ²					= Rs 4926.00
39/(39) - Cable duct across					
the Road do do all 4504					
Qty vide P(17)					
					= Rs 1700784
					= Rs 17068610
Add - 18% HST					= Rs 3072350
					= Rs 3061420
Add - 1% L/Cess					= Rs 170686
					= Rs 170079
Add, Seigniorage fee.					
Amount vide P(34)/TMB					
= 5,38648.00 @ 10% = 53865.00					
Add previous S-f					
vide P(15)/TMB					= Rs 164779
					G.T. = Rs 20458033
Less, 0.11% Below					= Rs 20530290
(As per agreement)					= (-) 22504
					= (-) 22583
Total value of work done					= Rs 20435529
Less previous payment					= Rs 20507707
vide P(16)/TMB					= (-) 11745001
Net payable Amount value					= Rs 8690528
Handed over					= Rs 8762706
09/04/2024					
J-E					

Continuation