

1st 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- Constn of road from Marighar to Giris Tola under HMDSY					
Agency- Uttar Bihar constn co. At Sports Club road Chhatrauni Motihari, East Champaran					
Agreement No- 07 SPSD/2021-22					
Agreement Value- 96,50,703.200					
Date of start- 16/12/2021					
Date of Completion- 15/12/2022					

Record Entry

(1) Constn of benchmark-	1.310 Km
(2) Constn of Ref. Pillar-	1.310 Km
(3) Prov and fixing HMDSY informatory sign board-	2 Noy
(4) Clearing and grubbing road land	
2 x 10 x 30 x 1.50 =	900.00 ft
2 x 10 x 30 x 1.50 =	900.00 ft
2 x 10 x 30 x 1.50 =	900.00 ft
2 x 10 x 30 x 1.50 =	900.00 ft
2 x 3 x 30 x 1.50 =	270.00 ft
2 x 1 x 20 x 1.50 =	60.00 ft
	3 930.00 ft

Continuation

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Cons'n of c/wrk					
3 Nos $\Rightarrow$ 1000mm ϕ H.P. culvert					
(1) F/W in excavation in found'n					
H.W.	2	6.450	1.550	1.675	$33.49M^3$
below Pipe	1	5.00	1.530	0.540	$4.13M^3$
					$37.62M^3$
For 3 Nos $= 3 \times 37.62M^3 =$					$112.86M^3$
(2) Brwn sand filling in found'n trenches					
H.W.	2	6.450	1.550	0.100	$2.10M^3$
below Pipe	1	5.593	1.530	0.100	$0.86M^3$
					$2.86M^3$
For 3 Nos $= 3 \times 2.86M^3 =$					$8.58M^3$
(3) Brwn B/F/S in found'n					
H.W.	2	6.450	1.550		$19.99M^3$
below Pipe	1	5.653	1.530		$8.65M^3$
					$28.64M^3$
For 3 Nos $= 3 \times 28.64M^3 =$					$85.92M^3$
(4) Brwn Pee M/S in found'n					
H.W.	2	6.30	1.40	0.15	$2.65M^3$
below Pipe	1	5.766	1.530	0.550	$4.85M^3$
Lev Pipe	0.188	0.7857	1.23	5.955	$-1.33M^3$
					$6.17M^3$
For 3 Nos $= 3 \times 6.17M^3 =$					$18.51M^3$

Sch. XLV-Form No. 134

Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Record Entry</u>					
(1) Brick masonry work in					
cm (1:4) in head wall					
Wall	2	6.150	0.835	2.465	25.011 ³
Parapet	2	6.150	0.400	0.600	2.9511 ³
Leve Pipe	2	0.7857	1.230	0.612	1.4511 ³
					26.5111 ³
For 3 Nos = 3 X 26.5111 ³ =					79.5311 ³
(2) Brown Laying 100mm ϕ					
Rcc Pipe N/P					
	3		2.50		7.5011 ³
For 3 Nos = 3 X 7.5011 ³ =					22.5011 ³

(3) Plastering with cm (1:4)					
on brick work					
Outer side	2	6.150	1.830		22.5111 ³
Innerside	2	6.150	0.600		7.3811 ³
Top	2	6.150	0.400		4.9211 ³
Ends	4	0.612	1.230		3.0111 ³
Ends (Parapet)	4	0.400	0.600		0.9611 ³
Leve	2	0.7857	1.230		12.3811 ³
					36.4011 ³
For 3 Nos = 3 X 36.40 =					109.2011 ³

(4) Brown 1.5mm cement rendering					
Top	2	6.150	0.400		4.9211 ³
Ends (Parapet)	4	0.400	0.600		0.9611 ³
Inside	2	6.150	0.600		7.3811 ³

Continuation

13.2611³For 3 Nos = 3 X 13.2611³ = 39.7811³

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Sch. XLV-Form No. 154					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
E.g. calculation sheet					
Ch	Area	Mean	length	Volume	
0	0.329				
50	0.236	0.283	50	14.125	
100	0.210	0.223	50	11.150	
150	0.126	0.168	50	8.400	
200	1.084	0.605	50	30.250	
250	1.330	1.207	50	60.350	
300	1.121	1.226	50	61.275	
350	1.141	1.131	50	56.550	
400	1.270	1.206	50	60.275	
450	1.423	1.347	50	67.325	
500	1.228	1.326	50	66.275	
550	1.428	1.328	50	66.400	
600	1.160	1.294	50	64.700	
650	1.211	1.186	50	59.275	
700	1.249	1.230	50	61.500	
750	1.989	1.619	50	80.950	
800	2.131	2.060	50	103.00	
850	2.329	2.230	50	111.500	
900	1.346	1.838	50	91.875	
950	1.536	1.441	50	72.050	
1000	1.045	1.291	50	64.525	
1050	0.623	0.834	50	41.700	
1100	0.832	0.728	50	36.375	
1150	0.318	0.575	50	28.750	

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1200	0.230	0.274	50		13.700
1250	0.239	0.235	50		11.725
1300	0.269	0.304	50		15.200
1310	0.244	0.307	10		3.065
				13	62.265M ²

(1) Constn of subgrade and
up to 1000H — 1362.265

2) Constn of subgrade and
earthen shoulder

5 x 30 x 7.50 x 0.30 = 337.501

5 x 30 x 7.50 x 0.30 = 337.501

675.00M³

(3) Excavation for roadway
(box cutting)

BT Portion
2 x 5 x 30 x 0.525 x 0.100 = 15.75M³

2 x 5 x 30 x 0.525 x 0.100 = 15.75M³

2 x 6 x 30 x 0.525 x 0.100 = 18.90M³

2 x 1 x 25 x 0.525 x 0.100 = 2.62M³

ee Portion
2 x 6 x 30 x 0.375 x 0.100 = 13.50M³

2 x 1 x 5 x 0.375 x 0.100 = 0.37M³

Existing
2 x 3 x 30 x 0.375 x 0.175 = 11.81M³

2 x 1 x 5 x 0.375 x 0.175 = 0.66M³

79.36M³

Wagon
04 02-2022

Continuation

Sch. XLV-Form No. 134					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Record Entry</u>					
① <u>Proposed</u> <u>communal</u> <u>sub. base</u>					
<u>grading</u> <u>I</u>					
<u>for Portion</u>	2	5	3.0	0.525	0.100 = 15.75M ²
	2	5	3.0	0.525	0.100 = 15.75M ²
	2	6	3.0	0.525	0.100 = 18.90M ²
	2	1	2.5	0.525	0.100 = 2.62M ²
<u>ex Portion</u>	2	6	3.0	0.375	0.100 = 13.50M ²
	2	1	5	0.375	0.100 = 0.37M ²
<u>existing</u>	2	3	3.0	0.375	0.100 = 6.75M ²
	2	1	5	0.375	0.100 = 0.37M ²
<u>for levelling & for repairs</u>					
	1	5.4	1.6	0.100 = 0.80M ²	
	1	8.1	2.2	0.100 = 1.78M ²	
	1	7.5	2.1	0.100 = 1.57M ²	
	1	4.25	1.5	0.100 = 0.64M ²	
	2	7.4	2.4	0.100 = 2.80M ²	
	1	6.2	1.6	0.100 = 0.99M ²	
	1	1.5	0.8	0.100 = 0.12M ²	
	2	8.4	2.1	0.100 = 3.36M ²	
	1	5.4	1.9	0.100 = 0.95M ²	
	1	7.25	2.4	0.100 = 1.45M ²	
	1	6.5	1.85	0.100 = 1.20M ²	
	1	5.1	1.75	0.100 = 0.89M ²	
<u>Overlay</u>	5	3.0	4.05	0.100 = 60.75M ²	
	5	3.0	4.05	0.100 = 60.75M ²	

Continuation

212.06M²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			13. F-2		12.06H ³
	6 X	30 X	4.05 X	0.170 =	72.90H ³
	1 X	25 X	4.05 X	0.170 =	10.12H ³
Perforation	7 X	30 X	3.75 X	0.170 =	78.75H ³
	1 X	15 X	3.75 X	0.170 =	5.62H ³
Equal height DT	10 X	30 X	4.05 X	0.200 =	243.00H ³
				6	22.45H ³
By Signature 08-02-2022 JR					
Record Entry					
① Brown with Gravel-3					
DT Road	10 X	30 X	3.75 X	0.075 =	84.375H ³
	16 X	30 X	3.75 X	0.075 =	135.00H ³
	1 X	25 X	3.75 X	0.075 =	7.031H ³
ce Road	13 X	30 X	3.75 X	0.075 =	109.687H ³
	1 X	20 X	3.75 X	0.075 =	5.625H ³
Existing	2 X	3 X	30 X	0.375 X 0.075 =	5.062H ³
	2 X	1 X	5 X	0.375 X 0.075 =	0.281H ³
Extra alumina	4 1/2 X	6 X	0.55 X	0.075 =	0.49H ³
	2 X	6 X	0.55 X	0.075 =	0.49H ³
	4 X	1/2 X	7 X	0.60 X 0.075 =	0.63H ³
	2 X	7 X	0.60 X	0.075 =	0.63H ³
	4 X	1/2 X	8 X	0.51 X 0.075 =	0.61H ³
	2 X	8 X	0.51 X	0.075 =	0.61H ³
					350.52H ³
By Signature 18-02-2022 JR					

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Constn of benchmark					
Q-VTMBP 1(1) = 1.310 km					
e h- 8158.04/km h-					10,687=0
② Constn of Ref. Pillar					
Q-VTMBP 1(2) = 1.310 km					
e h- 4678.22/km h-					612820
③ Clearing and grubbing road land					
Q-VTMBP 1(4) = 0.39 hect					
e h- 51137.38/hect h-					19944
④ Constn of embankment lead up to 1000 ft					
Q-VTMBP 5(1) = 1362.26 M ³					
e h- 189.95/M ³ h-					258762=0
($\frac{5}{8}$) Excavation for roadway (box cutting)					
Q-VTMBP 5(3) = 79.36 M ³					
e h- 75.50/M ³ h-					5992=00
($\frac{6}{6}$) Constn of subgrade and earthen shoulder					
Q-VTMBP 5(2) = 675.00 M ³					
e h- 191.64/M ³ h-					129357=00
($\frac{7}{10}$) Brown Granular sub base grading I					
Q-VTMBP 6(1) = 622.45 M ³					
e h- 2684.81/M ³ h-					1671160=00

Continuation

2,102,030=00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) $\frac{24}{32}$ Prov and fixing 111654 informatory signboard					
Q-VMBP1(3) = 2.101					
e h. 12629.46 m ²					2.525920
(9) $\frac{32}{32}$ F/w in excavation in foundation					
Q-VMBP2(5) = 112.86 M ²					
e h. 269 = 324 M ²					30,395
(10) $\frac{33}{33}$ Prov sand filling in trench					
Q-VMBP2(2) = 8.58 M ²					
e h. 438.87 M ²					376520
(11) $\frac{34}{34}$ Prov B/F/S in found ⁿ					
Q-VMBP2(3) = 85.92 M ²					
e h. 291 = 74 M ²					2506620
(12) $\frac{35}{35}$ Prov Rec M/S in found ⁿ					
Q-VMBP2(6) = 18.51 M ²					
e h. 5506.16 M ²					10191920
(13) $\frac{36}{36}$ Brick masonry work in cm (1:4) in headwell					
Q-VMBP3(7) = 79.53 M ²					
e h. 5548.22 M ²					44125020
(14) $\frac{37}{37}$ Prov laying 1000mm dia Rec Pipe MB					
Q-VMBP3(2) = 22.50 M ²					
e h. 3865.19 M ²					8696720
Continuation					28,16,65/20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14) Plastering with cen (1:4) (38) on brick work					
Q-VI MBP 3(3) = 109.20 M					
e R - 171 = 581 M R -					18737200
15) Prov'n 1.5 mm Cement (39) Putting					
Q-VI MBP 3(4) = 39.78 M					
e R - 56 = 891 M R -					2263200
					R 28,37,651200
Add 12% GST (+) R					3,40,518200
Add 1% Labourer (+)					28377200
Add - surcharge for (+)					43,697200
					R 32,50,243200
Less 0.01% below (-)					325200
					R 32,49,918200
16) Prov'n work grade-3					
Q-VI MBP 7(0) = 350.52 M					
e R - 3306.231 M R -					11,58,900200
					R - 39,96,551200
Add 12% GST (+) R					4,79,586200
Add 1% Labourer (+)					39,966200
Add - surcharge for (+)					68735200
					R 45,84,838200
Less 0.01% below (-)					R - 458200
					R 45,84,380200
W. based on 18-04-2022 JB					

Name of Agency :- Uttar Bihar Construction Company.
Pro _ Sanjay Kumar,
At - Sports Club Road,
Chhatauni, Motihari,
Distt - East Champaran.
Mo. No. 9934021505
Email. - sanjay_73523@yahoo.com

Name Of Work :- Construction of Road & C.D Work With Five Year
Maintenance Of The Package No. MMGSY-NDB-
BRRP-216-PAKRIDAYAL. Under M.M.G.S.Y (NDB
BRICS).

Agreement No- 07 S.B.D/2021-22

R.W.D (W) Div. Pakridayal

Rate approved by :- C.E-3, R.W.D, PATNA

C.E-3, Letter No :- 3599 Date- 06.06.2021

Construction Cost :- 05,89,13,040.00

Maintenance. Cost :- 74,59,275.00

Total :- 06,63,72,315.00

Agreement Value :- 06,63,72,315.00 (Rupees Six Crore Sixty Three Lakh Seventy
Two Thousand Three Hundred Fifteen Only).

Date of Work Order :- 16/12/2021

Time Of Completion :- 15/12/2022

Performance Security :- 13,40,000.00

Additional Performance Security :- 0.00.

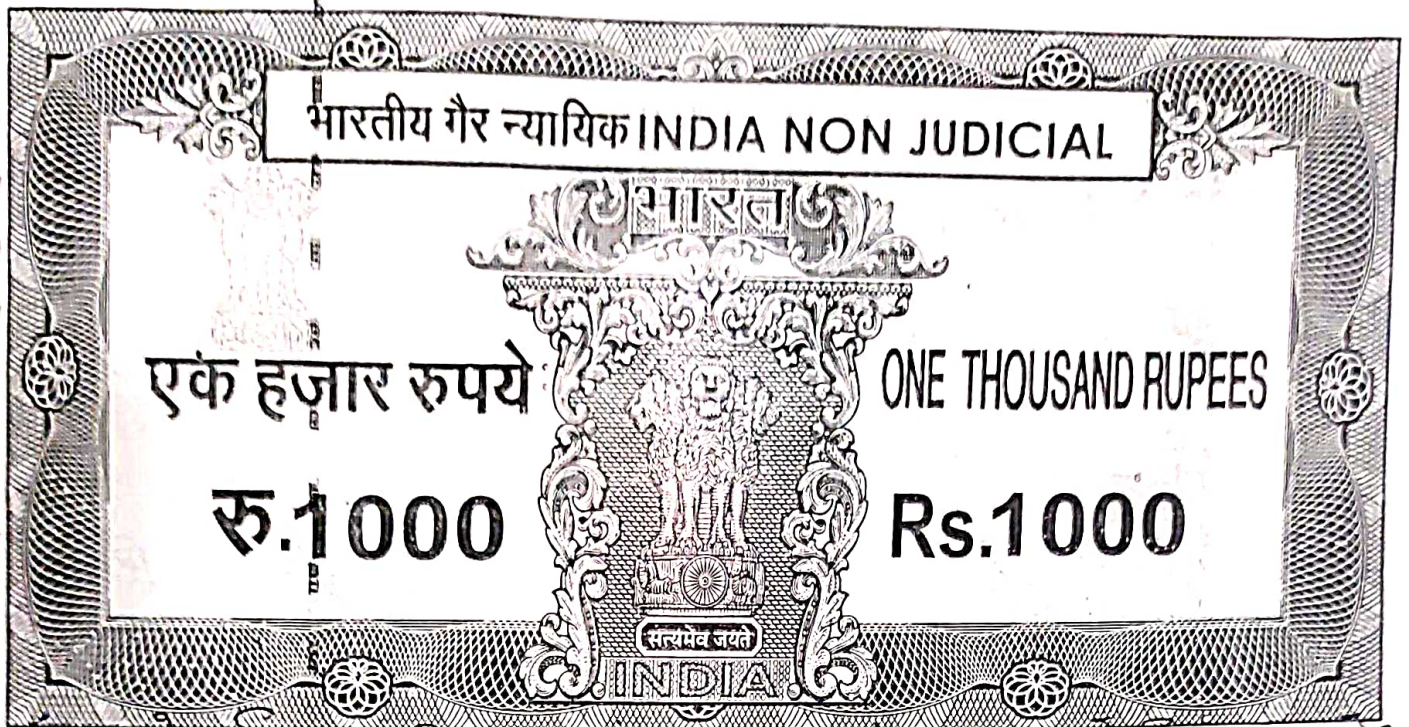
Submitted to Division by B.G & N.S.C :- 13,40,000.00 F.D 40643936234

Security Deduct From Bill :- 8 %

No Of Road :- 07 (Seven)

Rate :- 0.01 % Below.

[Signature]
16/12/2021
Executive Engineer
R.W.D. (W) Division
Pakandayal
16/12/21



मैसर्स उत्तर बिहार कंस्ट्रक्शन कंपनी, स्पोर्ट्स क्लब रोड,
बिहार BIHAR एच.टी. नो. 539640
ला कोषागार, पूर्वी चम्पारण
मोतिहारी Agreement 07 SBD/2021-22

This agreement, made the 16 Dec 2021

कृष्ण कुमार श्रीवास्तव
मुख्य न्यायालय, मोतिहारी
L.N.-79/81

मैसर्स उत्तर बिहार कंस्ट्रक्शन कंपनी, स्पोर्ट्स क्लब रोड, ला कोषागार, पूर्वी चम्पारण, मोतिहारी, बिहार.
Executive Engineer, Rural Work Department, Works Division Pakridayal, East Champaran of the one part, Uttar Bihar Construction Company. Pro - Sanjay Kumar, At - Sports Club Road; Chhatauni, Motihari, Distt - East Champaran. Whereas the Employer is desirous that the Contractor of Construction of Road & C.D Work With Five Year Maintenance Of The Package No. MMGSY-NDB-BRRP-216-PAKRIDAYAL. Under M.M.G.S.Y (NDB BRICS). and the employer has accepted the Bid by the contractor for the execution and completion of such works and the remedying of any defects therein at a cost of Rs - 6,63,72,315.00 (Rupees Six Crore Sixty Three Lakh Seventy Two Thousand Three Hundred Fifteen Only). NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

M/s Uttar Bihar Construction Co.

Partner

Executive Engineer
R.W.D. (W) Division
Pakardayal
1.1.11

Package No. - MMGSY-NDB-BRRP-216-PAKRIDAYAL.

Tender ID :- 95423

Under :- M.M.G.S.Y (NDB BRICS).

Sl. No.	Road Name	Block	Length (in K.M)	Construction Cost.	Maintenance Cost.	Amount In Rs.
1	Chaita Patahi Road To Dagariya Tola.	Pakridayal	1.635	90,84,181.00	13,69,892.00	01,04,54,073.00
2	Manjhar To Giri Tola.	Pakridayal	1.310	86,32,298.00	10,18,405.00	96,50,703.00
3	Dhanauji to Uttar Tola.	Pakridayal	0.970	56,80,617.00	07,22,740.00	64,03,357.00
4	Mirza Chowk To Belahiram Baswaria Tola.	Patahi	0.670	54,38,430.00	06,05,158.00	60,43,588.00
5	Mathia Champapur Road To Barashankar Uttari Tola.	Patahi	1.400	96,14,746.00	12,69,311.00	01,08,84,057.00
6	Noonforwa N.H.P.C. Road To Ratansagar.	Patahi	2.150	01,27,45,251.00	19,78,316.00	01,47,23,567.00
7	Mathia Patahi Road To Panchgachiya.	Patahi	1.035	77,17,517.00	04,95,453.00	82,12,970.00
	Total		9.170	05,89,13,040.00	74,59,275.00	06,63,72,315.00

Executive Engineer.

RWD (W) Division, Pakridayal.

16/12/21

M/s Uttar Bihar Construction Co.

Partner