2nd on A/c Bill

12

Sch. XLV-Form No. 134

Name of work :- Const. of Road from Dhaka-Pachpakari Road me. Barharwa Siwan chowk to Barharwa Uttartol Under MMGSY-NDB. Brics Package NO - MMGSY NDB BRRP105 Sikharng Dhaka

Agency - M/s Uttar Bihar Const. Co. Sports club road Chhotauni Motihari East Champaran

Agreement NO - 28 SBD/2019-20

Const. Cost Rs. 3484260=00

Date of Work order :- 28/11/2019

Date of completion :- 27/11/2020

Date of Measurement :-

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
1. PIV and applying primer coat with bitumen emulsion SS1					
	11 m	$\frac{5.60+3.75}{2}$		=	51.42 m²
		19m	3.75	=	71.25 m²
	5	30 m	3.75	=	562.50 m²
	5	30 m	3.75	=	562.50 m²
	5	30 m	3.75	=	562.50 m²
	1	30 m	3.75	=	112.50 m²
	1	15 m	3.75	=	56.25 m²
				T-	1978.92

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
2. Plv and applying tack coat with bitumen emulsion RS1 — Same measurement for primer coat Qty —					1978.92 m²
3. Plv laying and rolling of close-graded premix surfacing material of 20 mm thickness for MSS — Same measurement for Primer coat Qty —					1978.92 m²
4. Const. of subgrade & earthen shoulder with approved material —					
1st Pavt.	2 × 10 no. ×	30 m ×	1.43 ×	0.275 =	235.95 m³
	2 × 8 no. ×	30 m ×	1.43 ×	0.275 =	188.76 m³
	2 × 1 no. ×	15 m ×	1.43 ×	0.275 =	11.79 m³
Del	2 × 4 no. ×	30 m ×	1.50 ×	0.175 =	63.00 m³
	2 × 1 no. ×	5 m ×	1.50 ×	0.175 =	2.62 m³
				T.	502.12 m³
				Limit -	480.72 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S. Const'n embankment with approved material obtained from borrow pits as per Earth work quantity sheet					
Sl. No.	CH	Area	Mean Area	Dist	Volume
1	0	1.940	–	–	–
2	50	4.120	3.030	50	151.500
3	100	4.435	4.278	50	213.925
4	150	4.148	4.292	50	214.575
5	200	4.000	4.074	50	203.700
6	250	4.073	4.037	50	201.825
7	300	3.591	3.832	50	191.600
8	350	3.726	3.659	50	182.925
9	400	3.662	3.694	50	184.700
10	450	3.896	3.779	50	188.950
11	500	4.100	3.998	50	199.900
12	550	1.196	2.648	50	132.400
13	600	1.130	1.163	50	58.150
14	650	1.386	1.258	50	62.900
				T-	2187.000 m³
Deduct Qty-					
Box cutting	–	64	49 m³		
GSB	–	294	69 m³		
WBM III	–	184	02 m³		
PCC M 25	–	480	72 m³		
Subgrade	–				1099.65 m³
					T- 1087.35 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(ii)	For level up to 100 m				
	1087.35 m^3 × 30%			—	326.20 m
		less for bricks		only	247.33 m
				T.	78.87 m^3
(iii)	For level up to 100 m			—	
	1087.35 m^3 × 70%			—	761.15 m
	less for bricks only				577.12 m
				T-	184.03 m
6(ii)	P/V & Fixing R.C.C M15				
	grade Km stone			—	1 no
(iii)	P/V & Fixing R.C.C M15				
	200 mm stone			—	3 NO.
7.	B/C Soling layer on				
	prepared sub grade			—	
2×	4 no × 30 m × 0.375			=	90 m^2
2×	1 no × 5 m × 0.375			=	3.75 m^2
				T-	93.75 m^2
8.	P/V & Fixing R.C.C M15 gr				
	ade Boundary pillar			—	13 No
9.	P/V and applying 2 coat-				
	s of water based cement-Pai				
	nt on plastered surface			—	
2×	4 no × 30 m × 0.10			=	24.00 m^2
2×	1 no × 5 m × 0.10			=	1.00 m^2
				T.	25.00 m^2

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
10.	Plr and ~~appln~~ of ~~Hogen~~ ol. Road marking with hot thermoplastic compound 2.5 mm thick for Road marking				
	2 x 5 no x 30 m x 0.10			=	30.00 m²
	2 x 5 no x 30 m x 0.10			=	30.00 m²
	2 x 10 no x 30 m x 0.10			=	60.00 m²
	2 x 2 no x 25 m x 0.10			=	10.00 m²
				T	130.00 m²
11.	Plr & fixing R/F board				
	board		—		2 NO
12.	Plr & fixing R.R. 600 mm triangle board		—		10 NO
13.	Plr & fixing R.R. 600 mm circular board		—		4 NO
14	Plr & fixing R.R. 600 mm x 450 mm rectangular board		—		2 NO
15.	Plr & fixing R.R. 600 mm side octagon board		—		2 NO

25/11/2020

Continuation

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

Earthwork
25/12/2020
JE

Attached
25.12.2020
AE

ABSTRACT OF COST

1/2	Constn of Benchmark & Work ~~Reference pillar~~ vide TMS P.7		
0.650 km	@ L. 1	1085=94 /Km	7206=00
2/3	Constn of Reference pillar/ Burjee vide TMS P.8		
0.650 km	@ L. 1	11253=35 /Km	7315=00
3/4	Clearing & grubbing of cart track vide TMS P.8		
0.195 Hect	@ L. 1	49244=57 /Hect	9603=00

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
4/5	Consto. embankment will lead upto 1000 m			—	
247.33 m³	vide TMB - P 8				
78.87 m³	vide TMB P. 15				
326.20 m³	@ Rs. 187.89/m³			— Rs.	61290.00
5/7	Consto. embankment will lead upto 100 m			—	
577.12 m³	vide TMB P8				
184.03 m³	vide TMB - P15				
761.15 m³	@ Rs. 143.00/m³			— Rs.	108844.00
6/8	Box cutting			—	
	vide TMB P9				
64.49 m³	@ Rs. 81.99/m³			— Rs.	5288.00
7/10	Consto. G.S.B by p/v well graded G.I material			—	
	vide TMB P9				
294.69 m³	@ Rs. 3118.09/m³			— Rs.	918870.00
8/11	P/v laying spreading and Compacting stone Aggregate WBM-II			—	
	vide TMB P9				
184.02 m³	@ Rs 3883.11/m³			— Rs.	714570.00
9/15	Consto. un-reinforced PCC M25 grade Pavement			—	
	vide TMB P9				

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
75.73 m^2	@ Rs. 7918.20/m^3	—	—	4.	599645.20
10/25	P/w & fixing of information				
	sign board —				
	vide TMB P9				
2 NO	@ Rs. 11474.74/each			4.	22949.48
11/12	P/w of applying primer				
	coat with emulsion SS —				
	vide TMB-P12				
1978.92 m^2	@ Rs 49.91/m^2	—	—	4	98768.00
12/13	P/w of applying tack				
	coat with emulsion Rs —				
	vide TMB P13				
1978.92 m^2	@ Rs 16.73/m^2	—	—	4	33107.20
13/14	P/w laying and rolling of c.g.				
	Primix surface material to MSS —				
	vide TMB P13				
1978.92 m^2	@ Rs 245.03/m^2	—	—	4	484895.00
14/9	B/E/S layer of prepared sub				
	vide TMB P15				
93.75 m^2	@ Rs 499.08/m^2	—	—	4	46789.20
VII/6	Construction of sub ground earth shoulder				
	vide TMB P13				
480.72 m^2	@ Rs 189.77/m^3	—	—	9	91226.00
15/18	P/w & Fixing of RCC M15				
	grade item S/Nos —				
	vide TMB P.15				
1 No.	@ Rs 265230.00/each			1	265230

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
16/13	P/r and Exg. in RCC M 15 grade 200 metric Stone - in bur vide TMB P15				
3 No @	Rs. 70/25/ each			—	2105.00
17/20	P/r & Exg. in RCC M-15 grade Boundary Pillar vide TMB P15				
13 No @	Rs. 543.33/ each			—	7071.00

	of W/s/e beam cement + Paint - vide TMB P15				
25 m² @	Rs. 102.88/ m²			—	Rs. 2572.00
19/23	P/r and laying of hot applied thermoplastic compound 2.5mm Thick Road Marking - vide TMB P16				
130 m² @	Rs. 851.79/ m²			—	110733.00
20/26	P/r & Fixing of Typical MMS(S) maintenance board vide TMB P18			—	
2 No @	Rs. 11474.74/ each			—	22949.00
21/28	P/r & Fixing of RCC 600 mm tripple board			—	

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		vide THB P16			
10 NO @ Rs. 3939=66/each 22/29				L	39397=00
	P/v & fixing of RR 600 mm circular board				
		vide THB P16			
6 NO @ Rs. 5317=40/each 23/30				L	21270=00
	P/v & fixing of R.R 600 mm x 600 mm rectangular board				
		vide THB P16			
2 NO @ Rs. 4584=34/each 24/31				L	9169=00
	P/v & fixing of R.R 900 mm side octagon board				
		vide THB P16			
2 NO @ Rs. 8733=03/each				L	17466=00
					3445749=00
				Less	3378760=00
					1723=00
	Less 0.05% below			L	~~1722=00~~
					Rs. 3397261=00
					3444026=00
	Less previous payment				Rs. 2413238=00
				L	~~1984023=~~
					Rs 10,30,788=00

Recommended
25/12/2020
SE

25.12.2020

C.E.
SE
04/03/2021

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	Material statement				
	Soil — ~~480.77~~ 743.62 m^3				
	Stone aggregate chips — 53.430 m^3				
	Emulsion SS_1 — 1.682 MT				
	Emulsion RS_1 — 0.544 MT				
	Bitumin S_{90} — 3.759 MT				
Inv. No FY20-21EBD 245/4	DB 17.11 2020	Emulsion SS_1 —			1.800 MT
		Consumed			1.682 MT
			Balance		0.118 MT
		Emulsion RS_1 —			0.600 MT
		Consumed —			0.544 MT
			Balance —		0.056 MT
BH552015 7834	25.12 2020	Bitumin S_{90} —			3.900 MT
		Consumed —			3.759 MT
			Balance -		0.141 MT

Received
25/12/2020
JE

Continuation