Bond on A/c Bill
27

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Name of work :- Constr. of Road from Chirajiya purushiya Patti to Bhelwa Mahadalit tola ward No- 07 & 09 under MMGSY NDB-BRICS					
Package No- MMGSY NDB BRRP 105 Sikhams, Dhaka.					
Agency - M/s Uttar bihar Constr. Co. sports club road. Chhatauni Motihari, East champaran					
Date of work order - 28/11/2019					
Date of completion - 27/11/2020					
Agreement No - 285 BD/2019-20					
Date of Measurement -					
1. Constr. of un-reinforcement for PCC M 25 grade.					
	1 no x	30m x	3.75 x 0.160		18.00 m³
	1 no x	30m x	3.75 x 0.160		18.00 m³
	1 no x	4m x	3.75 x 0.160		2.40 m³
				Tr	38.40 m³
2(a) Plu & applying primer coat with bitumen emulsion SQ1					
	1 no x	20m x	$\frac{10.00+3.75}{2}$	=	137.50 m²
	10 no x	30m x	3.75	=	1125.00 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	1no x	30m x	$\frac{3.75+3.85}{2}$	=	714.00 m²
	1no x	30m x	$\frac{3.85+3.75}{2}$	=	114.00 m²
	8no x	30m x	3.75	=	900.00 m²
	1no x	30m x	$\frac{3.75+3.80}{2}$	=	113.25 m²
	1no x	30m x	$\frac{3.80+3.75}{2}$	=	113.25 m²
	8no x	30m x	3.75	=	900.00 m²
	6no x	30m x	3.75	=	675.00 m²
	1no x	13m x	$\frac{3.75+3.85}{2}$	=	49.40 m²
	1no x	30m x	$\frac{3.85+3.75}{2}$	=	114.00 m²
	5no x	30m x	3.75	=	562.50 m²
	1no x	30m x	$\frac{3.75+3.80}{2}$	=	113.25 m²
	1no x	30m x	$\frac{3.80+3.75}{2}$	=	113.25 m²
	7no x	30m x	3.75	=	787.50 m²
	1no x	31m x	3.75	=	116.25 m²
	1no x	30m x	3.75	=	112.50 m²
	1no x	17m x	3.75	=	63.75 m²
				T-	6224.40 m²
				Omit-	6215.29 m²
2(ii)	PLV applying tack coat with bitumen emulsion Rs. ——— Sq. meter measurement for prime coat qty —				6215.29 m²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
3. PIV laying and rolling of close graded premix surfacing material of 20 mm Thick for NSS by Type-B					
Some measurement for prime coat Qty =					6215.29 m²
4. Const. of subgrade & earthen shoulder with approved material					
	2 × 1 × 64 ×		1.50 ×	0.175 =	33.60 m³
C Portion	2 × 10 no. ×	30 m ×	1.51 ×	0.175 =	158.55 m³
	2 × 10 no. ×	30 m ×	1.51 ×	0.175 =	158.55 m³
	2 × 10 no. ×	30 m ×	1.51 ×	0.175 =	158.55 m³
	2 × 10 no. ×	30 m ×	1.51 ×	0.175 =	158.55 m³
	2 × 1 no. ×	30 m ×	1.51 ×	0.175 =	15.85 m³
B.T. Portion	2 × 10 no. ×	30 m ×	1.41 ×	0.275 =	232.65 m³
	2 × 10 no. ×	30 m ×	1.41 ×	0.275 =	232.65 m³
	2 × 10 no. ×	30 m ×	1.41 ×	0.275 =	232.65 m³
	2 × 6 no. ×	30 m ×	1.40 ×	0.275 =	138.60 m³
	2 × 1 no. ×	33 m ×	1.40 ×	0.275 =	25.41 m³
	2 × 10 no. ×	30 m ×	1.41 ×	0.275 =	232.65 m³
	2 × 5 no. ×	30 m ×	1.40 ×	0.275 =	115.50 m³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 × 1 no. ×	31 m ×	1.40 ×	0.275 =	23.87 m³
	2 × 1 no. ×	30 m ×	1.40 ×	0.275 =	23.10 m³
	2 × 1 no. ×	17 m ×	1.41 ×	0.275 =	13.18 m³
				T.	~~19+8.20~~ m³ 1953.91 m³
S. Const. embankment with material obtained from borrow pits with a lift upto ———					

Sl. No.	CH	Area	Mean Area	Dist	Volume
1	0.	4.622	—	—	—
2	50	4.972	4.797	50	239.850
3	100	6.146	5.559	50	277.950
4	150	6.181	6.164	50	308.175
5	200	6.886	6.534	50	326.675
6	250	6.886	6.886	50	344.300
7	300	6.797	6.842	50	342.075
8	350	6.322	6.560	50	327.975
9	400	7.197	6.760	50	337.975
10	450	6.274	6.736	50	336.775
11	500	6.788	6.531	50	326.550
12	550	5.735	6.262	50	313.075
13	600	5.873	5.804	50	290.200
14	650	5.769	5.821	50	291.050
15	700	5.501	5.635	50	281.750

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16	750	5.621	5.561	50	278.050
17	800	6.008	5.815	50	290.725
18	850	6.085	6.047	50	302.325
19	900	5.629	5.857	50	292.850
20	950	3.002	4.316	50	215.775
21	1000	3.445	3.224	50	161.175
22	1050	1.968	2.707	50	135.325
23	1100	1.235	1.602	50	80.075
24	1150	1.220	1.228	50	61.375
25	1200	1.137	1.179	50	58.925
26	1250	1.094	1.116	50	55.725
27	1300	1.100	1.097	50	54.850
28	1350	1.066	1.083	50	54.150
29	1400	1.151	1.109	50	55.425
30	1450	1.179	1.165	50	58.250
31	1500	0.995	1.087	50	54.350
32	1550	1.255	1.125	50	56.250
33	1600	1.249	1.252	50	62.600
34	1650	1.231	1.240	50	62.000
35	1700	1.257	1.244	50	62.200
36	1750	1.356	1.307	50	65.325
37	1800	1.125	1.241	50	62.025
38	1850	1.215	1.170	50	58.500
39	1900	1.134	1.175	50	58.725
40	1950	1.196	1.165	50	58.250

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
41	2000	1.159	1.178	50	58.875
42	2050	1.187	1.173	50	58.650
43	2100	1.222	1.205	50	60.225
44	2150	1.206	1.214	50	60.700
45	2200	1.273	1.240	50	61.975
46	2250	5.333	3.303	50	165.150
47	2300	5.321	5.327	50	266.350
48	2350	5.341	5.331	50	266.350
49	2400	4.924	5.133	50	256.625
50	2450	5.125	5.025	50	257.225
51	2500	4.887	5.006	50	250.300
52	2550	5.340	5.114	50	255.675
53	2600	4.648	4.994	50	249.700
54	2650	5.265	4.957	50	247.825
55	2700	4.554	4.910	50	245.475
56	2750	4.856	4.705	50	235.250
57	2800	5.457	5.157	50	257.825
58	2850	5.222	5.340	50	266.975
59	2900	5.722	5.472	50	273.600
60	2931	4.657	5.190	31	160.875
				T.	11049.475
Recd from					
Box Cutting	—	88.12 m³			
GSB	—	1478.10 m³			
WBM III	—	824.28 m³			
PCC M25	—	773.18 m³			
Subgrd.	—	5408.98 m²		—	8572.66

Continuation

T 2476.815 m³

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	For load upto 1000 m.				
	2476.815 m^3 × 30 %.			—	743.044 m^3
	Less Qty for P.5			—	518.88 m^3
				T-	224.164 m^3
	For load upto 1000 m			—	
	2476.815 m^3 × 70 %.			—	1733.771 m^3
	Less Qty for P-5			—	1210.72 m^3
				T-	523.051 m^3
6.	Plv & fixing of RCC M15 grade.				
	KM Stone			—	3 NO
7.	Plv & fixing of RCC M15 grade.				
	200 m Stone			—	12 NO
8.	Plv & fixing of RCC M15 grade				
	Boundary pillar			—	58 NO
9.	Painting two coat on New				
	concrete surface of H.P Curves			—	
Top.	12 × 6.150 × 0.40			=	29.52 m^2
Sides.	24 × 0.40 × 0.60			2	5.76 m^2

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	2 × 10 ×	30 ×	0.10	=	60 m²
	2 × 10 ×	30 ×	0.10	=	60 m²
	2 × 1 · ×	30 ×	0.10	=	6 m²
	2 × 10 ×	30 ×	0.10	=	60 m²
	2 × 5 ×	30 ×	0.10	=	30 m²
	2 × 1 ×	31 ×	0.10	=	6.20 m²
	2 × 1 ×	30 ×	0.10	=	6.00 m²
	2 × 1 ×	17 ×	0.10	=	3.40 m²
				T=	586.20 m²
12.	Plv & fixing MMGSY				
	citizen board	—			1 NO
13.	Plv & fixing MMGSY				
	Maintenance board	—			2 NO
14.	Plv & fixing 600 mm tr-				
	-angle board	—			24 NO
15.	Plv & fixing 1.2 600 mm				
	circular board	—			12 NO
16.	Plv & fixing 1.2 600				
	mm × 400 mm rectangular				
	board	—			2 NO

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L..	B.	D.	Contents of area
17.	P/v & fixing of R.C.C 900 mm Side octagen bond				2140
18	Const & Refound working benchmark				2.93 km

Technical
25/12/2020
JE

Gopal
26/12/2020

ABSTRACT of COST

1/3 Consto. of Reference billed Buxjet

vide THB P 22

2.93 km @ Rs 1746:37 / km = 344172

2/4 Clearing & Grubbing of road land

vide THB P 22

0.8793 Hect @ Rs 49244:52 / Hect = 43301

3/5 Consto of embankment land up to 1000 m

vide THB P 22
vide THB P 35

518.88 m³
224.164 m³
~~518.88 m³~~
743.044 m³
Limit 735.66 m³

@ Rs 187:89 / m³ = 97492
13961
138223

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
4/6	Constn. of subgrade for roads & shoulders				
3455.07 m³	vide TMB P-23				
1953.91 m³	vide TMB P-				
5408.98 m³	@ Rs. 189.77/m³				Rs. 1026462
5/7	Constn. of embankment Land 4 to 100 m				
1210.72 m³	vide TMB P 23				
523.051 m³	vide TMB P. 33				
1733.771 m³ Limit 1716.54 m³	@ Rs. 143.00/m³				Rs. 245465 ~~Rs. 247929~~
6/8	Borrow Area				
	vide TMB P-23				
88.12 m³	@ Rs. 81.99/m³				Rs. 7225
7/10	Constn. C.S.B by PIV well graded material —				
	vide TMB-P 23				
1478.10 m³	@ Rs 3319.64/m³				Rs 4906760
8/11	PIV laying spreading & Compacting Stone Aggregate WBM-II				
	vide TMB P 23				
824.28 m³	@ Rs 4126.65/m³				Rs 3401515
9/15	Constn. of Un-reinforced PCC M25 grade Pavement —				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
734.78 m³		vide TMB P 24			
38.40 m³		vide TMB P 27			
773.18 m³	@ Rs. 8156=98/m³ — Rs. 6306814=00				
10/25	PVC boxing Hybrid MH - KSY sign with logo of citizen board —				
2 No	vide TMB P-24				
1 No	vide TMB P.35				
3 No	@ Rs. 11537=31/set Rs. 34612=00				
11/41	E/W in excavation in foundn —				
	vide TMB P 24				
75.24 m³	@ Rs. 258=89/m³ — Rs. 19479=00				
12/42	Sand filling in foundn.				
	vide TMB P 24				
5.72 m³	@ Rs. 429=79/m³ — Rs. 2458=00				
13/49	Brick flat soling in foundn —				
	vide TMB P 24				
57.28 m²	@ Rs. 291=73/m² — Rs. 16710=00				
14/50	PCC M15 grade in foundn				
	vide TMB P 25				
12.24 m³	@ Rs 6807=19/m³ — Rs 83320=00				
15/51	Brick Masonary work in CM (1:4) in H. wall —				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
21/19	P/v & fixing of RCC M15 grade Room Stone — vide THB P.33				
12 NO	@ Rs. 712=19 /each			Rs	8546=00
22/20	P/v & fixing of RCC M15 grade Boundary pillar — vide THB P33				
58 NO	@ Rs. 548=88 /each			Rs	31835=20
23/21	Painting two coat on New Concrete surface with P culv. vide THB P-34				
66.96 m²	@ Rs. 108=50 /m²			Rs	7265=00
24/22	P/v and applying 2 coat of water bond Painting on Concrete surface — vide THB P 34				
258. m²	@ Rs. 102=88 /m²			Rs	26543=00
25/23	P/v and laying of hot applied Thermoplastic compound 2.5mm Thick Road Marking — vide THB P 35				
586.20 m²	@ Rs. 851=79 /m²			Rs	499319=20
26/26	P/v & fixing of MMCSY type Road Mainlenance board — vide THB P 35				
2 NO	@ Rs. 11537=31 /each			Rs	23075=20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
27/28	Plv & fixing R.R 600mm				
	triple board				
	vide THB P 35				
24 No	@ Rs. 3968=98/each				Rs 95256=00
28/29	Plv & fixing R.R 600mm				
	circular board				
	vide THB P 35				
12 No	@ Rs 5346=72/each				Rs 64161=00
29/30	Plv & fixing R.R 600mm				
	x 450mm rectangular board				
	vide THB P35				
2 No	@ Rs. 4612=02/each				Rs 9224=00
30/31	Plv & fixing R.R 900				
	mm side octagon board				
	vide THB P 36				
2 No	@ Rs 8760=71/each				Rs 17521=00
31/2	Constr & Retrocon & working				
	benchmark				
	vide THB P 36				
2.93 km	@ Rs 11364=32/km				Rs 33297=00
					Tk. ~~44,42,382=00~~
					19438530=00
	Less 0.057 below				Rs 9719=00
					Rs ~~19428811=00~~
	Less previous payment				Rs 15830985=00
				Continuation	Rs. 3597826=00

P.T.O.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/C		4.35978262
Material statement					
Soil – 2676.51 m³					
Stone Aggregate – 167.812 m³					
Cement – 37.291 m³					
Emulsion RS1 – 5.282 MT					
Emulsion RS1 – 1.709 MT					
Bitumen SG – 11.809 MT					
Inv. No. F420-216B 243/1	15.11.2020	Emulsion SS1 – 5.400 MT			
		Consumption –			5.282 MT
		Balance –			0.118 MT
		Emulsion RS1 – 1.800 MT			
		Consumption –			1.709 MT
		Balance –			0.091 MT
BH3520 157197	24.12.2020	Bitumen SG – 11.856 MT			
		Consumption –			11.809 MT
		Balance –			00.047 MT

25/12/2020

Continuation