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 measurements relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Const. of Road from Makhdumpur road to Pipara under MMGSY (Gen)					
Name of Agency - Ajay Kr. Nirala, At - Bhawani bigha, P.O. - Kariyadpur, Mokanpur, Gaya					
Agreement No. - 17/MMGSY/Gen/SBD/2020-21					
Date of commencement - 11.05.2020					
Date of Completion - 10.02.2021					
(1) Const. of Bench mark & refrence Pillar -					
(i) Refrence & Workie bench mark -			0.611 KM		
(ii) Refrence Pillars / Anjor			0.611 KM		

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(2) Clearing & grubbing road land - etc					
20 x 30.00 m x 7.00 m =					4200.00 m²
1 x 11.00 m x 7.00 m =					77.00 m²
					4277.00 m²
					= 0.428 Hect
(3) EW in excavation of found. & shafting etc					
(2 No) 1000 mm ϕ H.P.C)					
H.W. - 2 x 2 x 6.30 m x 1.40 m x 1.50 m =					52.92 m³
Pipe portion - 2 x 1 x 5.90 m x 1.50 m x 0.80 m =					14.16 m³
					67.08 m³
(4) PIV P.C.C M10 in found. - - etc					
2 x 2 x 6.30 m x 1.40 m x 0.15 m =					5.29 m³
(5) PIV P.C.C M15 in open found. - - - etc					
H.W. 2 x 2 x 6.00 m x 1.25+0.80 m					
x 1.35 m =					33.21 m³
Pipe portion					
2 x 1 x 5.90 m x 1.50 m x 0.25 m =					4.43 m³
					37.64 m³
(6) PIV & Laying R.C.C Pipe NP3 1000 mm ϕ - etc					

Continuation

Sch. XLV-Form. No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	2 ×	3 ×	2.50 m	= 15.00 m	
(7) Plv P.C.C M15 in Sub-Structure -- etc					
2 × 2 × 6.00m × 0.80 + 0.40 + 0.40 / 3					23.04 m³
			× 1.80 m	= 41.47	
2 × 2 × 6.00m × 0.40m × 0.60m				= 5.76 m³	
Deduct bipe portion					
2 × 2 × 3.14 / 4 × (1.23m)² × 0.80 + 0.40 / 2 m				= 2.85 m	
				25.95 m³	
(8) Filling in ground trenches -- etc					
H.W.-					
2 × 2 × 6.00m × 0.75 + 0.15m / 2 m					
			× 1.35 m	= 9.72 m³	
Arrowcast bipe					
2 × 1 × 6.30m × 1.50 m × 0.90m				= 17.01 m³	
Deduct bipe portion					
2 × 1 × 6.30m ×			0.91 m	= 11.47 m³	
				15.26 m³	
(9) Layin cement concrete bipe NP2 300 mm ø -- etc					
3 × 3 × 2.50m				= 22.50 m	
(10) Const of embankment with material obtained from borrow					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Pit — — etc					
Chainage (m)	Cross area (m^2)		Mean Cl area (m^2)	Length (m)	Volume (m^3)
0	1·22		—	—	—
100	1·64		1·43	100	143.00
200	1·12		1·38	100	138.00
300	1·36		1·24	100	124.00
400	1·42		1·39	100	139.00
500	1·84		1·63	100	163.00
600	1·20		1·52	100	152.00
611	1·20		1·20	11	13.20 ~~120.00~~
					872.20 m^3

(a) For 1000 m lead

30% of 872.20 m^3 = 261.66 m^3

(b) For 100 m lead

70% of 872.20 m^3 = 610.54 m^3

(11) Const. of Sub-grade of

Shoulder — — etc (1000 m lead)

20 × 30.00 m × 7.98 mean × 0.30 m = 1436.40

1 × 11.00 m × 7.98 mean × 0.30 m = 26.33 m^3

1462.73 m^3

(12) Const of G.S.B. by

dry well graded

material grd — — etc

5 × 30.00 m × 4.05 m × 0.20 m = 121.50 m^3

5 × 30.00 m × 4.05 m × 0.20 m = 121.50 m^3

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Co of area
5 X 30.00m X 4.05m X 0.20m =					121.50 m³
5 X 30.00m X 4.05m X 0.20m =					121.50 m³
1 X 11.00m X 4.05m X 0.20m =					8.91 121.50 m³
					494.91 m³
(13) P/W/d Fixing of typical MMGSY Sign board -- etc Logo of Project — 01 NO. Citizen Informed Board - 01 NO.					02 NOS
Thanks 10.11.20 T.E	Measured 10.11.20 A.E				

Abstract of Cost

(1/112) Const of Benchmark & Refrence Pillars —

(i) Refrence & Working benchmark Qty vide TMB Page No. (01) - 0.611 KM @ ₹ 5304.85/KM —— ₹ 3241.00

(ii) Refrence Pillars/Buttress — -. etc Qty vide TMB Page No. (01) - 0.611 KM @ ₹ 3698.46/KM —— ₹ 2260.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D	Contents of area
(2/3) Clearing & Grubbing road land ... etc					
Qty vide TMB Page No. (02)				-0.428 Hect.	
@ ₹ 49530.51/Hect					₹ 21199.00
(3) E/W in excavation for structure ... etc					
Qty vide TMB Page No. (2)				- 67.08 m^3	
@ ₹ 285.17/m^3					₹ 19129.00
(4) Plv P.C.C M10 in ~~found.~~ ... etc					
Qty vide TMB Page No. (02)				- 5.29 m^3	
@ ₹ 4586.13/m^3					₹ 24261.0
(5/23) Plv P.C.C. M15 in open found. ... etc					
Qty vide TMB Page No. (02)				- 37.64 m^3	
@ ₹ 4506.53/m^3					₹ 169626.0
(6/24) Plv & Layg R.C.C pipe NP3 1000 mm ϕ ... etc					
Qty vide TMB Page No. (03)				- 11.00 m	
@ ₹ 3610.77/m					₹ 39718.00
(7/23) Plv P.C.C M15 in Sub-					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
Structure --- ete					
Qty vide TMB					
Page No. (03) - 25.95 m³					
@ ₹ 4701.11/m³ ———					₹ 121994.00
(8/26) Filling in found. trenches --- ete					
Qty vide TMB					
Page No. (03) - 15.26 m³					
@ ₹ 555.50/m³ ———					₹ 8477.00
(9/25) Layin Cement Concrete pipe NP3 300 mm ø --- ete					
Qty vide TMB					
Page No. (03) - 22.50 m					
@ ₹ 734.00/m ———					₹ 16515.00
(10/4+5) Const. of embankment with material obtained from borrow pits --- ete					
(a) For 1000 m lead					
Qty vide TMB					
Page No. (04) - 261.66 m³					
@ ₹ 181.87/m³ ———					₹ 47588.00
(b) For 100 m lead					
Qty vide TMB					
Page No. (04) - 610.54 m³					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
@ ₹ 139.74/m³					₹ 85317.00
(11/6) Consth of Sub-grade of E/shoulder - - etc					
Qty vide TMB					
Page No. (84) - 1962.73 m³					
@ ₹ 183.51/m³					₹ 268426.00
(12/7) Consth of G.S.B m³ - - etc					
Qty vide TMB					
Page No. (85) - 494.91 m³					
@ ₹ 1781.89/m³					₹ 881875.00
(13) P/F & Fixing of typical MMGSY Sign board - - etc					
Qty vide TMB					
Page No. (85) - 02 NOS					
@ ₹ 11112.29/NO.					₹ 22225.00
				₹	1746295.00
Add 1.00% Labour cess (+)				₹	17463.00
Add 12.00% G.S.T. - - (+)				₹	209555.00
				₹	1973313.00
Less 10% below - - (-)				₹	197331.00
				₹	1775982.00

Remarks
10.11.20
J.E.

Measured
10.11.20
S.D. AE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents or area
Material Statement					
(i) Stone aggregate.					
40 mm - 21.12 m^3 @ 441.08/m^3					
20 mm - 10.55 m^3 @ 9550.85/m^3					
10 mm - 3.52 m^3 @ 614.17/m^3					
(ii) Coarse Sand -					
20.61 m^3 @ 180.80/m^3					
(iii) Fine Sand -					
208.38 m^3 @ 116.85/m^3					
(iv) G.S.B. material -					
53 - 9.5 mm - 316.74 m^3 @ 316.12/m^3					
9.5 - 2.38 mm - 126.70 m^3 @ 411.33/m^3					
(v) Earth work					
2334.93 m^3 @ 23.78/m^3					
Thanks. 10.11.20 J.E					

L. B. D. Contents of area

Material Statement

(i) Stone aggregate.

40 mm - 21.12 m^3 @ 441.08/m^3

20 mm - 10.55 m^3 @ 4550.85/m^3

10 mm - 3.52 m^3 @ 614.17/m^3

(ii) Coarse Sand -

20.61 m^3 @ 150.80/m^3

(iii) Fine Sand -

208.36 m^3 @ 116.85/m^3

(iv) G.S.B. material -

53 - 9.5 mm - 316.74 m^3 @ 516.42/m^3

9.5 - 3.38 mm - 126.70 m^3 @ 411.33/m^3

(v) Earth work

2334.93 m^3 @ 23.78/m^3

Thanks
10.11.20
J.E

Continuation