

1st on A/c Bill

1

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—Construction of Road from Sarsati chaulk to Mingsy under mingsy (sc)					
Agreement No.:- 11/388/2020-21					
Agency—M/S Bhagwati Construction					
Date of Start—19-05-2020					
Stipulated Date of completion—18-05-2021					
Date of Entry:- 15-06-2020					
[01] Construction of Reference or working Benchmarks					
-- do -- all Comp. Job.					
	10 nos	X 30 M			= 300 M
	20 nos	X 30			= 600 M
	20	X 30			= 600 "
	20	X 30			= 600 "
	09	X 30			= 270 "
	01	X 20			= 20 "
					2390 M
					Say 2.390 km
[11] Construction of Reference Pillar/Burjee					
					= 2390 M
					Say 2.390 km

Continuation

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry: → 23-06-2020					
[01] Earth work in Encasement					
[33] For Structure as per drawing & technical Specification - - do - -					all
Comp. Job.					
Face wall					
$05 m \times 0.2 m \times 3.90 m \times 1.24 m \times 1.50 = 72.54$					
Pipe portion					
$05 m \times 0.1 m \times 6.22 m \times 1.02 m \times 0.80 = 25.37$					
					97.91 cum
[02] Providing Concrete for					
[33] Plain/Reinforced Concrete in open foundation as per Technical Specification - - do - -					all Comp. Job
$05 m \times 0.2 m \times 3.90 m \times 1.24 m \times 0.15 = 7.25 \text{ cu-m}$					
Rawl					
23-06-2020					
JE					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry: → 25-06-2020					
[01/37] Brick Masonry work in cement mortar in foundation --- do ---					
Face wall in foundation all complete Job					
$0.57_{ms} \times 2_{no} \times 3.60m \times \frac{(1.08 + 0.64)}{2} \times 1.35$					
$= 42.03$					
cu-m					
[02/41] Brick masonry work in cement mortar in Sub-structure --- do --- all					
Comp. Job					
$0.57_{ms} \times 2_{no} \times 3.60 \times \frac{(0.56 + 0.40)}{2} \times 1.12$					
$= 19.35$					
Deduct Pipe Portion					
$0.57_{ms} \times 2_{no} \times 0.7857 \times \frac{(0.83)^2}{4}$					
$= 2.81$					
16.54m ³					
Raw					
25-06-2020					
JE					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry:- 30-06-2020					
[101/60] Laying (First class) bedding on well compacted sand, Minimum of approved granular material. - do - all comp.					
Job					
Below Pipe					
$0.5 \text{ nos} \times 0.1 \times 6.22 \times 1.02 \times 0.95 =$					17.44
duct Pipe Portion					
$0.5 \text{ nos} \times 0.1 \times 8.72 \times 0.16 =$					6.97
					10.47
					4.11
[102/59] Providing & laying cement concrete Hume Pipe on First Class Bedding (600 mm dia H.P.) - do - all comp. Job					
$= 0.5 \text{ nos} \times 0.3 \times 2.5 =$					37.50 m
[103/61] Filling in Foundation trenches as per drawings & technical specification - do - Job					
Face wall					
$0.5 \text{ nos} \times 0.2 \times 3.60 \times 0.41 =$					14.76
Around Pipe					
$0.5 \text{ nos} \times 0.1 \times 6.46 \times 1.02 \times 0.42 =$					13.83

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Reduct Pipe Portion =					
$0.5_{\text{nos}} \times 0.1 \times 0.896 \times 0.25 = 0.1120$					
					17.39 m ³
$\frac{0.7}{45}$ Brick masonry work in C.M (1:3) in Parapet of H.P. Culvert - do - all.					
Comp. Job					
$0.5_{\text{nos}} \times 0.2 \times 3.60 \times 0.40 \times 0.60 = 8.64 \text{ m}^3$					
$\frac{0.5}{46}$ Plastering with C.M (1:4) 15mm thick on B/W in Sub-structure					
Parapet wall (Sides)					
$= 0.5_{\text{nos}} \times 0.4 \times 3.60 \times 0.600 = 43.20$					
Parapet wall (Top)					
$= 0.5_{\text{nos}} \times 3.60 \times 0.400 = 14.40$					
Parapet wall (Ends)					
$0.5_{\text{nos}} \times 0.4 \times 0.40 \times 0.600 = 4.80$					
					62.40
					m ²
Rawl					
30-06-2020					
J.G.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry - 12-08-2020					
[01] Excavation for Road way					
[35] in Soil / (Box Cutting)					
--- do --- all Comp. Job					
(see Part 1)					
02 X 0.5 m X 30 m X 0.375 m					
X 0.100 = 11.25					
02 X 0.1 X 30 X 0.375 X 0.100 = 2.25					
02 X 0.1 X 6 X 0.375 X 0.100 = 0.75					
Total - 14.25 m3					
Ravi					
12-08-2020					
J.E					
Date of Entry - 17-08-2020					
01] Box Cutting for					
02] 35] RT Road Portion					
Excavation for Road way					
in Soil with hydraulic					
Excavator - do - all					
Comp. Job					
02 X 0.5 X 30 m X 0.525 X 0.10 = 15.75					
02 X 0.5 X 30 X 0.525 X 0.10 = 15.75					
02 X 0.5 X 30 X 0.525 X 0.10 = 15.75					
02 X 0.4 X 30 X 0.525 X 0.10 = 12.60					
02 X 0.1 X 25 X 0.525 X 0.10 = 2.62					
Total - 62.47					
m3					

Ravi
17-08-2020
J.E

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of Entry: 02-09-2020					
] 01] Const. of 61.50-lm					
] 10] Laying, Spreading &					
Compacting - do - all					
Comp. Job					
BT Portion					
02 nos $\times$ 0.5m $\times$ 30m $\times$ 0.525 $\times$ 10 = 15.75					
02 nos $\times$ 5m $\times$ 30m $\times$ 0.525m $\times$ 10m = 15.75					
02 $\times$ 0.5 $\times$ 30 $\times$ 0.525 $\times$ 10 = 15.75					
02 $\times$ 4 $\times$ 30 $\times$ 0.525 $\times$ 10 = 12.60					
02 $\times$ 0.1 $\times$ 25 $\times$ 0.525 $\times$ 10 = 2.62					
Profile correction on					
damaged Brick Soling					
05 nos $\times$ 11m $\times$ 0.80m $\times$ 0.10m = 4.40					
03 $\times$ 0.9 $\times$ 0.90 $\times$ 0.10 = 2.43					
06 $\times$ 8.50 $\times$ 0.75 $\times$ 0.10 = 3.82					
04 $\times$ 11.75 $\times$ 1.00 $\times$ 0.10 = 4.70					
02 $\times$ 21 $\times$ 0.60 $\times$ 0.10 = 2.52					
					80.34
Raw					Cum
02-09-2020					
J.E					

Continuation

Date of Entry - 16-09-2020			
[10/10] Const. of G.S.O - 1st			
Laying, Spreading & Comp. Job			
- do - all Comp. Job			
05	X 30M	X 4.05M	X 0.200M
			= 121.50
05	X 30	X 4.05	X 0.200 = 121.50
05	X 30	X 4.05	X 0.200 = 121.50
05	X 05	X 4.05	X 0.200 = 4.05
Total:-			247.05
			m ³
Ram 16-09-2020 J.E			

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Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
[01/07] Date of Entry - 05-01-2021					
Const. of Embankment					
With approved material					
by Earth work City					
Sheet by L.S & C.S					
attached with this m.B					
do - all Comp. Job					
SL No	change	Area	mean Area	Distance	Volume
01.	0	1.854			
02.	50	2.254	2.054	50.00	102.700
03	100	2.099	2.177	50.00	108.825
04	150	2.331	2.215	50.00	110.750
05	200	2.082	2.267	50.00	110.325
06	250	2.015	2.049	50.00	102.425
07	300	1.36	1.688	50	84.375
08	350	1.882	1.621	50	81.050
09	400	2.253	2.068	50	103.375
10	450	2.41	2.332	50	116.575
11	500	2.603	2.507	50	125.325
12	550	2.53	2.567	50	128.325
13	600	1.387	1.959	50	97.925
14	650	1.459	1.423	50	71.150
15	700	4.794	3.127	50	156.225
16	750	5.614	5.204	50	260.200
17	800	2.639	4.157	50	207.825
18	850	2.745	2.722	50	136.100
19	900	3.397	3.071	50	153.550

Sch. XLV-Form No. 134

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
20.	950	3.271	3.334	50	166.700
21	1000	3.054	3.163	50	158.125
22.	1050	2.954	3.004	50	150.200
23	1100	2.813	2.884	50	144.175
24	1150	2.831	2.822	50	141.100
25	1200	2.669	2.750	50	137.500
26	1250	2.745	2.707	50	135.350
27	1300	3.397	3.071	50	153.550
28.	1350	3.271	3.334	50	166.700
29	1400	1.639	2.455	50	122.750
30	1450	1.562	1.601	50	80.025
31.	1500	1.237	1.400	50	69.875
32	1550	5.875	2.956	50	177.800
33	1600	6.647	6.261	50	313.050
34	1650	1.035	3.841	50	192.050
35	1700	1.627	1.331	50	66.550
36	1750	1.029	1.328	50	66.400
37	1800	1.024	1.027	50	51.325
38	1850	1.052	1.038	50	51.900
39	1900	1.241	1.147	50	57.325
40	1950	1.342	1.292	50	64.575
41.	2000	1.231	1.287	50	64.325
42	2050	1.245	1.238	50	61.900
43	2100	1.264	1.255	50	62.725
44.	2150	1.562	1.413	50	70.650
45.	2200	1.872	1.717	50	83.850
46	2250	1.26	1.566	50	78.300

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
47.	2300	1.345	1.303	50	65.125

Total Qty = 5713.13 m³
With Grout

Deduction - (-) 1192.53

Volume of Earth

Excavated from

① Box cutting - 76.72 m³

② Vol of G.S.B - 832.03

③ W.B.M of 100 mm - 283.78

Total Deduction = 1192.53 m³

Net E/W Qty = 4220.06 m³

Say = 4220.00 m³

02 Const. of Embankment

① [3.5] With material obtained from borrow Pits - do - all

Comp. Job (up to 100 mm)

= 4220 x 5721.73
5835.60

= 4137.65 m³

② [08] Lead up to 1000 m

= 4220 x 113.87
5835.60

= 82.34 m³

R/S

Continuation

~~Qam~~
~~05-01-2021~~
~~J.E~~

08.01.2021
AG

Q1. Const. of Reference is
① ② working B.M.

vide-Page No - 01

$$J = 2.390 \text{ km}$$

② $\sqrt{3344} = 11/m^3$

$$7992 = 00$$

III) Const. of Reference Pillar

Vide-Page no - 01			
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 $\underline{\underline{2.390 \text{ km}}}$

② ₹ 1574 = 99/km

— ३७६३ = ००

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
[02/02] clearing & grubbing					
Road Land ... do ... all					
Comp. Job					
Vide page no - 02					
= 1.195 Hectare					
@ ₹ 49496 = 70/Hectare					
					₹ 59149 = 00
[03/07] Const. of Embankment					
With approved material					
deposited at site --					
do -- all Comp. Job					
up to 100m length					
City vide page no - 17					
= 4137.50 m ³					
@ ₹ 140 = 96/m ³					
					₹ 583222 = 00
[04/07-35(1)] Const. of Embankment					
with approved					
material deposited at site					
from Roadway cutting					
City vide page no - 18					
= 76.72 m ³					
@ ₹ 36 = 16/m ³					
					₹ 2774 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$\frac{05}{08}$ Const. of Embankment with approved material obtained from borrow pits Lead up to 100m Cty vide Page no - 17 = 82.34 m ³ @ ₹175 = 11 / m ³ — ₹14419 = 00					
$\frac{06}{09}$ Box cutting for Pavement Construction Proposed BT Road Page no - 17 = 62.47 m ³ @ ₹122 = 15 / m ³ — ₹7631 = 00					
$\frac{07}{09}$ Box cutting for Pavement Const. Proposed PCC Road Vide - Page no - 07 = 14.25 m ³ @ ₹122 = 15 / m ³ — ₹1741 = 00					
$\frac{08}{10}$ Const. of G.S.B-2 by providing well					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
graded material -					
do - 4/1 Comp Job					
Qty vide T.M.B					
Page no-08 =		18.64	m ³		
Page no-09 =		80.34	m ³		
Page no-12 =		486.00	m ³		
" 4-12 =		247.05	m ³		
Total =		832.03	m ³		
@ ₹2851 =		71/m ³			
					₹2372708=0

09 12	P/v. Layer Spreading w/ Compactor - do				
	W.B. for 4/1 all Comp. Job				
	Qty vide T.M.B				
	Page No -13 =	54.05			
	Page no-14 =	229.73			
		41			
	Total =	283.78	m ³		
	@ ₹3323 =	77/m ³			
					₹993219=0

10 33	Earth work in Excavation for Structure.				
	Vide - Page No - 13				
		97.91	m ³		
	@ ₹260 =	59/m ³			
					₹25515=0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/36] Provide P.C.C in open foundation.					
Vide - Page no - 03					
= 7.25 m ³					
@ ₹ 5684 = 92/m ³					
					₹ 41216 = 00
12/31] Brick masonry work in c.m in foundation.					
Vide - Page no - 04					
= 42.03 m ³					
@ ₹ 5957 = 37/m ³					
					₹ 250388 = 00
13/41] Brick masonry work in c.m in Sub-structure.					
Qty vide T.M.B. Page no - 14					
= 16.54 m ³					
@ ₹ 6450 = 46/m ³					
					₹ 106691 = 00
14/45] Brick masonry work in c.m (1:3) in parapet.					
Qty vide - Page no - 06					

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
as per drawing & T/S					
Vide Page no - 06					
= 17.39 m ³					
@ 7449 = 07/m ³					
Add 12% GST					
Less 10% below (-)					
Add of 1% 45 cents					
Add of 100% Rate					
Total Net Bill Value					
Less 10% Below (-)					
Ravi					
08-01-2021					
J-E					

cl. b.
P. b.
12-01-21

Material Statement

- ① Earth work - 4220.00 m³
- ② Stone mela - 1097.62 m³
% Stone chips
- ③ Coarse Sand: - 403.59 m³
- ④ Screening material: - 68.00 m³
- ⑤ Bricks: - 33,605 Nos.

Ravi
08-01-2021
J-E

08-01-2021
AE

Continuation