

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1) N/w:- House of Bita Ram Das to 1032					
2) Agency:- M/s R.B Construction (Reg-2190188)					
At - Shankar Sasiya; P.S. Turkulia. East Champaran.					
3) Agreement No - SBD-31/2019.2020					
4) Date of work order - 28/02/2020					
5) Contract date of comp - 27/11/2020					
6) Item of work done:-					
(1) Constn of Retn & working benchmark - 0.915 km.					
(2) Constn of Retn pillars & barjee - 0.915 km.					
(3) Cleansing & grubbing of road land -					
2x30x30x 1.50 -					2700 m ²
2x15x 1.50 -					45 m ²
					2745 m ²

Continuation

10000
 = 0.274 hect

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4) Const ⁿ of Embankment with approved material obtained from borrow pit with lend upto 1000m. 80% $536.34m^3 - 449.07m^3$ (quantity as per graph).					
(5) Construction of subgrade - - BT Road Position - - $1 \times 20 \times 30 \times 7.9 \times 0.30 = 1422.25m^3$ - $1 \times 25 \times 7.90 \times 0.30 = 59.25m^3$ <u>$1481.50m^3$</u>					
6) Box cutting by manual means - - $2 \times 5 \times 30 \times 0.375 \times 0.100 = 11.25m^3$ - $2 \times 15 \times 0.375 \times 0.100 = 1.125m^3$ <u>$12.375m^3$</u>					
7) Const ⁿ of G.S.B by well graded material. ① 90 Box for Acc position - - $2 \times 5 \times 30 \times 0.375 \times 0.100 = 11.25m^3$ - $2 \times 15 \times 0.375 \times 0.100 = 1.125m^3$ <u>$12.375m^3$</u>					

Continuation

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Sch. XLV-Form No. 15A					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑤ Earthwork for B1 Road-					
-	1x	20x	30x	4.05x0.200 =	486m ³
-	1x	25x	4.05x	0.200 =	20.25m ³
					506.25m ³
⑥ Earthwork for P.C.C. Road-					
-	1x	4x	30x	3.75x0.100 =	45m ³
-	1x	5x	3.75x	0.100 =	1.875m ³
					46.875m ³
⑧ Providing & laying 300φ NP-3. H. Pipe for Irrigation purpose-					

3x3	x2.5	=	22.5m ³	
⑨ Elwin excavation for CD work-				
- Raft-	1x	2.5x	6.0x	0.83 = 12.38m ³
- Detached cutoff wall-				
-	2x	9.10x	0.30x	1.80 = 9.83m ³
cutoff wall-				
-	2x	3.50x	0.55x	1.10 = 4.29m ³
Pitching apron-				
upstream-	1x	3x	3.5x	0.90 = 9.45m ³
downstream-	1x	6x	3.5x	0.90 = 18.9m ³
				54.80m ³
10) Sand filling in form-				
Raft-	1x	2.5x	6.0x	0.100 = 1.5m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Detached cut off wall -					
- $2 \times 9.10 \times 0.30 \times 0.10$					0.55 m^3
• Cut off wall -					
- $2 \times 3.50 \times 0.55 \times 0.10$					0.39 m^3
					2.44 m^3
⑪ Providing PCC MIS in					
open foundation -					
Below Raft -					
- $1 \times 2.50 \times 6.0 \times 0.10$					1.50 m^3
Cut off wall (stem)					
$2 \times 3.5 \times 0.45 \times 0.60$					1.89 m^3
Cut off wall (Roof)					

$$2 \times 3.50 \times 0.55 \times 0.10 = 0.39 \text{ m}^3$$

$$\underline{\underline{3.78 \text{ m}^3}}$$

⑫ Providing RCC m25 in					
Dap cell -					
Raft :- $1 \times 2.50 \times 6.0 \times 0.10$					1.50 m^3
Abutment :- $2 \times 2.0 \times 6.0 \times 0.25$					6.0 m^3
Top deck slab - $1 \times 2.5 \times 6.0 \times 0.25$					3.75 m^3
Parapet - $2 \times 2.50 \times 0.25 \times 0.60$					0.75 m^3
Detached cut off wall -					
$2 \times 9.10 \times 0.30 \times 1.50$					8.19 m^3
Haunch :- $2 \times 0.15 \times 0.15 \times 6.0$					0.27 m^3
					22.71 m^3

⑬ Back filling behind abutment -

Continuation

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Particulars	Details of actual measurement				Co of area
	No.	L	B	D	
- 2x 6.0 x 2.0 x 0.6 :					14.40 m ³
(14) Providing weep holes in RCC abutment-					
2x 5x 2 :					20 Nos.
(15) Supplying fitting & placing of HYSD bars (Re 415).					
(a) Bar cut/weld - 1.					
(i) 2.570 x 43 x 0.617 :					68.18 kg
(ii) 2.570 x 47 x 0.89 :					107.50 kg
(iii) 3.840 x 43 x 0.89 :					146.35 kg
(iv)					
(iv) 2.57 x 30 x 0.62 :					47.8 kg.
(v) 2 x 1.40 x 43 x 0.39 :					74.64 kg.
(vi) 2 x 1.40 x 43 x 0.39 :					74.64 kg
(vii) 4 x 1.15 x 40 x 0.39 :					71.76 kg
(viii) 2.570 x 43 x 0.62 :					68.18 kg
(ix) 8.320 x 13 x 0.6 x 8 :					519.12 kg
					1219.26 kg
Add Extra for bending & lapping					- 50.0 kg 1070.26 kg = 1.22 MT
(b) Detached cutoff wall -					0.31 MT
(c) Poropet					- 0.03 MT 1.61 MT
(17) Boulder riprap (u/s) -					1 x 3.0 x 3.0 x 0.6 : 6.30 m ³
D/S - 1 x 6.0 x 3.5 x 0.6 :					12.60 m ³ 18.90 m ³

Abstract of cost

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Providing & fixing					
MMGSY Sign board - 02 Nos.					
(17) Providing & laying 900mm dia Rcc H pipe NP-3 for irrigation purpose -					
3m 3x 2.5 : 22.52 m ²					
(18) Constn of embankment (lead 100m)					
Atishak Ganad					
19/10/2019					
25					
(80% of 1251.45) = 1001.16 m ³					
19/10/20					
25					

Abstract of cost

(1/1) Constn of Ref'n pillars and working benchmarks
Qty. 0.915 km (vide P-1)
@ 10248.08/km — 9372.00

(2/2) Constn of Ref'n pillars/
Dugjes
Qty. 0.915 km (vide P-1)
@ 9738.69/km — 8911.00

(3/3) Clearing & grubbing of road land-

Continuation

18283.00

in vivo ZIPRO
camera

3/P - 18,283.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty - 0.774 hect (vide p.1)					
@ 49496.70/hect					₹ 12,562.00
[4/4] Cons'n of embankment					
with approved material,					
obtained from borrow pit					
with lead upto 1000 m.					
Qty - 429.07 m ³ (vide p.2)					
@ 174.89/m ³					₹ 75,014.00
[5/5] Cons'n of subgrade					
& earthen shoulder with					
approved material with lead					
upto 1000 m.					
Qty - 3481.50 m ³ (vide p.2)					
@ 176.47/m ³					₹ 2,61,940.00
[6/6] Cons'n of embankment					
with approved material obti-					
ned from borrow pit with					
lead upto 100 m.					
Qty - 1003.16 m ³ (vide p.6)					
@ 58.59/m ³					₹ 58,658.00
[7/7] Excavation of Roadway					

Continuation

4,26,957.00

B/F. 4,26,957.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
by manual means -					
(Dow cutting)					
Qty - 12.375 m ³ (vide P-2)					
@ 74.10/m ³ -					₹ 917.00
[8/9] Constn of G.S.B by					
well graded material.					
Qty - 565 565.5 (vide P-2,3)					
@ 2679.98/m ³ -					₹ 15,15,529.00
[9/23] Providing and fixing					

typical MMGSy interlocking					
sign board -					
Qty. 02 (vide-6)					
@ 11372.85 -					₹ 22746.00

[10/29] Providing & laying					
300mm ϕ NP-3 H. pipe					
Qty. 22.5mtr (vide P-3)					
@ 862.82/mtr -					₹ 19,413.00

[11/30] Filling excavation of					
foundation of CD work -					
Qty. 54.80m ³ (vide P-3)					

Continuation

19,85,562.00

ON VIVO ZIRCO

A CENTER

9 B/F - 19,85,562.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ 1085.14/m ²	—	—	—	—	₹ 15,627.00
[12/32] Sand filling in form of CD work -					
Qty. 244 m ³ (vide P-4)					
@ 421.91	—	—	—	—	₹ 10,29.00
[13/33] Providing R.C.C M15 in open foundation -					
Qty - 3.78 m ³ (vide P-4)					
@ 5863.41/m ³	—	—	—	—	₹ 22,183.00
[14/35] Providing & laying down 1000 R.C.C R.D. 3 H. Pipe.					
Qty -					
[14/38] Providing R.C.C M25 conc. in Dore cell -					
Qty - 22.71/m ³ (vide P-4)					
@ 7488.74	—	—	—	—	₹ 1,70,069.00
[15/39] Back filling behind abutment -					
Qty. 14.40 m ³ (vide P-5)					
@ 2592.62/m ³	—	—	—	—	₹ 37,334.00

Continuation

22,31,804.00

B/E - 2231809.00

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(14/40) Providing deep holes					
in Rcc -					
Qty. 20 Nos (vide P-5)					
@ 90.95/each					₹ 1812.00
(17/41) Boulder chon -					
Qty. 18.90 m ³ (vide P-5)					
@ 3307.27/m ³					₹ 62597.00
(18/42) Supplying fitting & laying					
of HYSD bars					
Qty. 1.61 MT (vide P-5)					
@ 61285.95/MT					₹ 98670.00
					2394793.00
less 0.12% as per agg -					(-) 2874.00
					2391919.00
Add 1% labour cost -					23919.00
Add 12% GST					287030.00
Grand amount -					2702868.00
Attested 19/10/2020 SE					
Attested 19/10/2020 SE					

TOTAL VALUE ₹ 2702868.00

(VO A) CAMERA