

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 works - Construction of Road from pmgsy Road To Mushahari Tolak,					
H Agency: - Yugal-Bois Const Pvt Ltd					
Ag No: - 92/mmgsy (se)/SBD/2024-22					
D.O. Start:- 02. 11. 20 21					
D.O. Comp:- 01. 08. 20 22					
INDEX / BYE					

① clearing and grubbing of R/L Clear

$$2 (230 + 310 + 390) \times 1.0 = 1860.0 \text{ m}^2$$

$$\text{or } 0.186 \text{ Hae}$$

② P.V. and Pileup work in R/L

$$\text{Reference Pillar} = 0.930 \text{ km}$$

③ E/W in excavation in R/L

$$\text{H/W} = 2 \times 6.45 \times 1.40 \times 1.50 = 27.09 \text{ m}^3$$

$$\text{Below Pile} = 1 \times 4.85 \times 1.53 \times 0.365 = 2.70 \text{ m}^3$$

$$29.79 \text{ m}^3$$

④ P.V. mis concrete in R/L

$$\text{H/W} = 2 \times 6.45 \times 1.40 \times 0.10 = 2.709 \text{ m}^3$$

$$\text{Below Pile} = 1 \times 4.93 \times 1.53 \times 0.250 = 1.886 \text{ m}^3$$

$$\text{less for Pipe} = 0.250 \times \frac{\pi}{4} \times (1.23)^2 \times 5.196 = 1.633 \text{ m}^3$$

$$2.692 \text{ m}^3$$

(Continuation)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of cost</u>					
1. Clearing & Grubbing of all land 14- ① P-1 1.743					
0.186 Hae CR 51137.38 / Hae CR					9512.00
② PIV and Pump 3m & Reb Pillar 14- ② P-1 0.6743					
0.930 Km CR 12611.48 / Km CR					11729.00
③ E/W in excavation in full 14- ③ P-1					
29.79 m ³ CR 294.70 / m ³					8779.00
④ PIV MIS Concrete in full 14- ④ P-1					
2.692 m ³ CR 5772.43 / m ³					17098.00
⑤ PIV and Laying 100mm thick in full 14- ⑤ P-2					
30.60 m ³ CR 6459.88 / m ³					197672.00
⑥ PIV and Laying 100mm dia's Hem pipe 14- ⑥ P-2					
7.50 met CR 3682.86 / met					27621.00
⑦ Painting two coat with primer 14- ⑦ P-2					
28.98 m ² CR 98.80 / m ²					2863.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) Excavation of R/Way Cutup					
14- (8) P-2					
97.65 m ³ OR 126.24/m ³ R					12328.00
(9) Const of curb gnd					
14- (9) P-3 & 4					
583.32 m ³ OR 2348.80/m ³ R					1953422.00
(10) P/W and Layup work m ³					
14- (10) P-4					
266.79 m ³ OR 4606.90/m ³ R					1229075.00
(11) Const of curb with excavated sand					
14- (11) P-4					
58.59 m ³ OR 96.68/m ³ R					5664.00
(12) P/W and app some work					
24- (12) P-5					
3557.25 m ² OR 44.39/m ² R					157906.00
(13) P/W and app track work					
24- (13) P-5					
3557.25 m ² OR 15.35/m ² R					54604.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14) PIV and Laying 20 mm thick m-s-s					
14 (14) P-6					
3557.25 m ² @ 248.02/m ²					882269.4
(15) Const of sub grade and earthen shoulders					
14 (15) P-6					
725.40 m ³ @ 183.22/m ³					132908.0
(16) Const of curb with appx 100 mm lead up to 100 mm					
24 (16) P-6					
1412.65 m ³ @ 196.92/m ³					278179.0
(17) PIV and applying Road Marking Paint					
24 (17) P-7					
186.00 m ² @ 859.46/m ²					159860.0
(18) P/Arup km Post					
1 (18) P-7					
0.2 No @ 2335.80/each					4672.0
(19) P/Arup 200 m Post					
14 (19) P-7					
0.4 No @ 633.10/each					2532.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) P/fixing of Rebar					
24 cu (20) P-7					
22 Nos of 520 mm each					11440.00
(21) P/V and Laying 300 mm Red duct Pipe					
14 (21) P-7					
37.50 met of 977.87/m each					36670.00
(22) P/V and Raising down board					
14 (22) P-7					
04 Nos of 10172.70/each					40691.00
(23) P/V and Raising Traffic Sign board					
24 cu (23) P-7					
(i) 600 mm sq plate					
01 No of 3501.78/each					3502.00
(ii) 600 mm Circular					
02 Nos of 4682.04/each					9364.00
(iii) 800 mm x 600 mm Reel					
02 Nos of 6512.92/each					13026.00
(iv) 600 mm x 450 mm Reel					
02 Nos of 4561.22/each					9122.00
(v) 300 mm side octagonal					
01 No of 8297.34/each					8297.00
(24) P/V and Laying of 100 x 40 mm + mail board					
14 (24) P-7					
04 Nos of 10156.28/each					40625.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(25) Planting of Trees by the Road Side					
14 (25) P-7					
94 No QR 809.85/each					76126.40
					/
Total R					5397556.40
Add 12% P.C. & GST @ R					647707.40
Add 1% An L-Cost @ R					53976.60
Add 1.245% S. & S. @ R					67200.40
					/
Total R					6166439.40
Less 18.67% Betw @ R					1151274.40
Road					/

R 5015165.40

Certified that work has been completed as per Spec & Drawing (1/2).

1.8.2022
R

03/08/22
R