

1st R.P.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.	
Name of scheme -	Construction of				
	road bairathi Mukhya path to				
	Mainahe under MMGsy (SC)				
Name of Agency -	Rohan Construc-				
	pty Ltd. Vill purnaw, Ward no-1				
	Raxaul, East Champaran				
Agreement no -	32 SBD 2020-21				
Date of Work or	11.9.2020				

S. Trial Certificate - 10.9.2021

Measurement Details

① Const of reference
it is working bench mark as

per Specification

3.20 Km — 3.20 Km

② Const of reference pillar

it is Bhumi as per M.P.

3.20 Km — 3.20 Km

Continuation .

✓ 19/11/2020
19/11/2020

19/11/2020
R.P.C.B.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(3) Ply & fixing of typical

item (3) Mm Gmsy information

Sign board with logo.

03 nos ————— 03 nos

(4) Ply & fixing of typical

item (4) Maintenance board as per sketch

02 nos ————— 02 nos

(5) Clearing & grubbing work

item (5) Land including reforestation

Wild Vegetation

~~29x19 nos x 10.00 x 1.30 ft = 2340.00 m²~~

~~1. out 2x (10x10.00 x 2.00 ft = 4400.00 m²)~~

~~2x (4 nos x 10.00 x 1.20 ft = 960.00 m²)~~

~~2x (9 nos x 10.00 x 1.50 ft = 2700.00 m²)~~

~~10400.00 m²~~

~~2 1.04 Hect~~

~~24
310120~~

~~900 m²~~

Continuation

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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Cont of R.C.C. Box Culvert</u>					
	9m	1x 2.0 x 2.0 x 2.0 m			
⑥	Excavation for				
Item ①	Structure in Sq.m				
	Plinth - 9 x (1x 6.00 x 2.50 x 1.0) = 33.00				
	Return - 2 x (4 m x 1.8 x 0.30 x 1.0) = 4.72				
⑦	Soil filling in Sq.m				
Item ②	Plinth filling in Sq.m				
	2 x (1x 6.00 x 2.50 x 1.0) = 3.00 m ³				
	9 x (4 m x 1.8 x 0.30 x 1.0) = 0.36 m ³				
⑧	Pl. P.C.C. M15 - Concrete				
Item ③	in Sq.m				
	Plinth - 9 x (1x 6.00 x 2.50 x 0.10) = 3.00				
	Return - 2 x (4 m x 1.8 x 0.30 x 0.10) = 0.36 m ³				
⑨	Brickwork				
Item ④	Brick filling & plaster				
	Plaster on Reinforcement				
⑩	Brick Substrates				
	see technical notes				
Continuation					

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Particulars	Details of actual measurement				Co. of area
	No.	L.	B.	D.	
(9) <u>8C17 for coh.</u>					
(43) <u>2 in Rail</u>					
Main beam 10m <u>fc 140 kPa</u>					
<u>bottom</u> 0.30 16.30					
		2.42 m			
C L = 2.30 m					
<u>2 x</u> { 1 x 4.37 m x 3.02 m } = 25.972 m ²					
		x 0.62 kg/m ² = 161.02 kg			
<u>top</u> 0.17 16.15					
		2.70			
10m x 16.15 m ²					
<u>2 x</u> { 1 x 3.77 m x 2.70 m } x 0.62 kg = 123.87 kg					

Distrubtu Topo btt

Tom and QISUFC.

$$2 \times \left(2 \times 16 \text{ kg} \times 5.95 \text{ m} \right) \times 0.62 \text{ kg/m}^2 = 23609 \text{ kg}$$

$$\text{Hausdorff: } 2 \times (2 \times 4^3 \times 0.5 \times 1.1 \times 10^3) \times 0.625 = 117.30$$

$$\text{char} = 11 \times 870 \times 1.20 \times 0.89 = 7.08$$

~~Refer to Fig. 1~~ ~~for~~ ~~the~~ ~~abutments~~

$$\text{Mass} \rightarrow 2.45 \quad C = 3.45 \text{ m}$$

030

$$2x \quad | \quad 2x + 43 \text{ no } 345m/x$$

0 621g = 367.90kg

$$\frac{Q_x}{Q_{x0}} = \frac{37700}{262} \times 0.625 = 940.41 \text{ kN}$$

$$2 \times (2 \times 2 \times 10^{10} \times 6.35) \times 10 \cdot (2 k) = 314.96$$

1578.619
1578.619

~~9~~ 18/12/20 Continuation

Continuation

15/11/201

Abstract of Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	I.	B.	D.	
① Cont. of reference A line below mark on p. 11					
Q.ty. vide T.M.B p. 11					
320 Km @ 12.42 4.87/100 = 39,759 m					
② Cont. of no. 1 reference pillar					
Burser M.N.p. 11					
6.20 Km @ 14.816.51/100 = 45813 m					
③ Clearing & grubbing land					
Q.ty. vide T.M.B p. 11					
1.04 Hect. @ 51.153.76/100 = 53,159 m					
④ Cont. of Embankment					
144 loads after transferred off from burning pit.					
100 ft load /count					
Q.ty. vide T.M.B p. 11					
144.59 m @ 2174.94/22 = 2,83,591 m					
⑤ Cont. of subgrade & earthen shoulders.					
Q.ty. vide p. 11					
384.00 m @ 58.70/33 = 58.70 m @ 198.546 m = 2,25,408 m					
384.00 m @ 176.58 m = 6,78,067 m → 6,78,067 m					
6,78,067 m = 10,70,409 m → 10,70,409 m					
Continuation → left					

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Continuation

$\rightarrow (\psi_e)$

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Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$B.P = 44,82,827 \text{ m}^2$
Add. G.S.P.C		$12\% (+)$			$5,37,939 \text{ m}^2$
Labour Cor.		$01\% (-)$			$44,828 \text{ m}^2$
					$50,65,594 \text{ m}^2$
Below (10%) = (-)					$5,065 \text{ m}^2$
True bill Ad					$45,590 \text{ m}^2$
20/05/20					18/5/21
					10/06/2021

Name of Agency :- Rohan Construction Pvt. Ltd, Vill.- Prenwa, Ward No-01, Raxaul,
East. Champaran

Name of Work :- Construction of Road Bairatee Mukhya Path To Mainaha
Under MMGSY (SC)

Agreement no.: - 32 SBD/20-21

Rate approved by ... Er. in Chsf., R.W.D. Bihar Patna.....

Letter No. 833 Date 05-08-2020

Agreement value :- ₹ 330 89551/- Thru Crore Thirty Lakh
Eighty Nine Thousand Nine Hundred Fifty Five Rupees

Date of work order :- 11-09-2020

Time of Completion :- 10-09-2021

Performance Security :- } ₹ 1903000/- Nineteen Lakh Three Thousand
Rupees.

Additional Performance Guarantee :-

Security Deduct from bill :- 8% Eight Percent

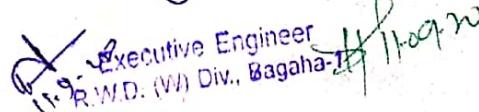
No of Items :- 43

Rate :- 10% Below

ROHAN CONSTRUCTION PVT. LTD.


Director

B/2020
11/09/2020


Executive Engineer
R.W.D. (V) Div., Bagaha
11-09-2020

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

₹.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR

AF 094628
Current

Standard Form: Agreement

Agreement 3LSBD/20-21

This agreement made the 11th Day of SEPT 2020 at Bagaha-1 (name and address of Employer) No. 161/90-91 (सरकारी मुद्रांक विक्रेता) Between Executive Engineer RWD (W) Division Bagaha-1 [name and address of Employer] (Hereinafter called "the Employer" of the one part, and Rohan Inst. P.T. LTD. (सरकारी मुद्रांक विक्रेता)

vill- Paronwa, ward NO-01, Ranchi, East Champaran.

[Name and address of Contractor (hereinafter called "the Contractor" of the other part).]

Whereas the Employer is desirous that the Contractor execute (कं.) S. M. (कं.) 5. 2020 under the name of (कं.)

from Biratne Mulchha Path to Morihka. [Name and

identification number of Contract] (Hereinafter called "the Works") and Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of nay defects therein at a cost of Rupees ₹ 330.89.351/- Three Crore Thirty Lakh Eighty Nine Thousand Nine Hundred

fifty One only.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the employer to the Contractor as hereinafter Mentioned the Contractor hereby covenants with the Employer to execute and complete the Works and remedy and defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price of such other sum as may become payable under the provisions of the Contract at the time and in the manner prescribed by the Contract.

ROHAN CONSTRUCTION PVT. LTD.

रोहन कॉन्स्ट्रक्शन
Director

11/09/2020
Executive Engineer
R.W.D. (W) Div., Bagaha-1