

1st RPA Bill

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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.)

of the measurements relating to each work.)					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: — Construction of road PMGSY Kainee Tola to Purna Valley Under MMGSY (Gm)					
Name of Agency — Hanuman Const At-Lav Kush Ghat, Valmikinagar West Champaran					
Agreement No — 33584/2021-22					
Date of work order — 06.7.2021					
S. Time of Completion — 05.7.2022					
Agreement value — Rs 236,62,333.00					
Detail Measurement					
(i) Const of Bench mark & reference pillar as per specification —					
(ii) Const of reference & work bench mark					
2.400 Km — 2.400 Km					
(iii) Const of reference pillar					
2.400 Km — 2.400 Km					

Continuation

18/10/21

Beh. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
(2) clearing & grubbing				
(2) road and including				
refurbishing with vegetation				
2x (52m x 100) x 2.0m				1200 m ²
2x 100 x 5.0m				1000 m ²
2x (7m x 100 x 1.75m)				2450 m ²
2x (2 x 100 x 2.0m)				800 m ²
2x (57 x 100 x 2.0m)				2000 m ²
2x 100 x 5.50m				2500 m ²
100 x 100 x 4.0m				400 m ²
2x (37 x 100 x 2.0m)				1200 m ²

9600 m²

= 0.96 Hec

(23) p.v. & fixing of typical
M.M.G.S. in forestry sign
board with logo as per
spec.

03 nos

03 nos

(24) p.v. & fixing typical
Maint. board

02 nos

02 nos

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8/ — Bf Marginal work in (35) cm (1:4) in 1/3					
HW 2x (2x 825) (125 + 0.825) X 1/5 = 33.75					
9/ — plus 4 layers (commonly) Rice 100% H.P.P. 2x (2x 31 x 2.5) = 30.5					

12 B/Masonry in cm (by
 35) along N-G L

$$H_{10} = 2 \times (2 \times 8.25 \times \frac{0.40 + 0.825}{2})$$

$$\times 1250 \text{ m} = 25.26 \text{ m}$$
 per meter: $2 \times (2 \times 8.25 \times 0.40 \times 0.6) = 7.92 \text{ m}$
 Data for H.P./m

$$9 \times (4.9 \times \frac{\pi}{4} \times (1.23)^2 \times 0.62) + 15.81 \text{ m}$$

$$21.39 \text{ m}$$

Continuation

Abstract of Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Cont of reference works					
① bench mark					
Qty. vide TMS pn. ①					
2.46 Km @ 6851.27/Km					1644320
② Cont of reference pillars/bm					
②					
2.40 Km @ 4013.12/Km					963120
③ Clearing a growth of					
③ 6000 Land					
Qty vide TMS pn. ②					
0.96 Hect @ 53823.82/Ha					5172820
④ Cont of embankment with					
④ affixed and extend with					
lead 1000ft.					
Qty vide TMS pn. ③					
1228.10m ³ @ 190.41/m ³					23351120
⑤ Cont of Subgrade &					
⑤ earthen shoulder					
Qty vide TMS					
Pn. ⑫ - 2107.65m ³					
Pn. ⑮ - 617.00m ³					
2724.65m ³ @ 191.82/m ³					52264220
Total = 8,33,952					
(CP)					

6	Cont of embankment with aff material with lead 100 m	Qty. vol. TMS per (12)	2865.58 m ³ @ 153.20 m ³ = 4410132
7	Excavation for road in soil with material	Qty. vol. TMS per (13)	7875 m ³ @ 75.61 m ³ = 595420
8	Cont of granular sub base with curb		

Qty. vide TMO

p.n. (14) ~~107.60~~ ^{107.4}

p.n. (15) 907.20 ~~20~~ 4256693 =

~~1014.80~~ ^{1014.6} @ 4195441/2 = ~~4254933~~ ⁴²⁵⁴⁹³³

(9) pfr. ags 18000000 Confal

(10) Stone ags 18000000

Qty. vide TMO p.n. (16)

~~233.42~~ ^{233.42} @ 5045.04/2 = ~~1177.613~~ ^{1177.613}

(17) pfr. ags of typical

(23) MM ags 18000000

Qty. vide p.n. (22)

03 no @ 13435.42/2 = 4030620

Total = 6756311.00

6755531.00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				819	2 6456371
①/②4 ply & top of typical					
Maint board					
Qty. vide TMD p. ①②					
02 m ²				1343542	226871
①③/③1 Earth work in Excavation					
for 1st					
Qty. vide TMD p. ①③					
p. ①⑤ - 108.13 m ²					
p. ①③ - 110.00 m ²					
228.13 m ²				228394	6477520

①③/③2 Sand filling in 1st					
Qty. vide TMD					
p. ①③ - 10.30 m ²					
p. ①⑤ - 8.98 m ²					
19.28 m ²				44432	856620
①④/③2 ply for Brick flat slab					
in 1st					
Qty. vide TMD					
p. ①③ - 103.31 m ²					
p. ①⑤ - 85.66 m ²					
188.97 m ²				29514	56059
189.97				29514	5549300
				29514	691235600

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B. D.	
			8/10 = 69	12,356.20
(15) P.C.C. M. M.S.				
(34) plain concrete				
Qty. vide T.M.				
p.n. 03	22.79 m ³			
p.n. 07	19.14 m ³			
	41.93 m ³		7432.96/2	3,11,664.20
(16) B.Masonry work in CM (1:4)				
(35) in 1st fl.				
Qty. vide T.M.				
p.n. 04	39.37 m ³			
	27.37 m ³			
p.n. 07	45.10 m ³			
p.n. 08	33.16 m ³			
	145.03 m ³		6047.68/2	876914.20
(17) P.V. 4 laying 100 mm dia				
(36) R.C.C. H. pipe 100				
Qty. vide T.M.				
p.n. 09	30.00 m			
p.n. 07	22.50 m			216495 =
	52.50 m		4123.72/2	2,16,945.00
(18) Plaster with Cont. work				
(37) Qty. vide T.M.				
p.n. 05	92.26 m			
p.n. 08	109.93 m			
	197.19 m		219.96/2	43374.20
Continuation				8361,953.20

8360249 =

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/P = 83,612.53 ac
(19) p/v 1.50 m ² Cont pump					
(38) including curvy					
city vide T.M.					
p/v (05) 33.00 m ²					
p/v (08) 40.68 m ²					
					73.68 m ² @ 61.411 m ² = 452520
					8364774 @ 836577820
					100 3278 =
Add G.S. @ 12% =					1003,89320
					83648 =
					9452195 =
					Cons @ 01.1/2 (+) 83657820
					Seigniorage fee 9704320
					9549238 = 1020624920
					95563420
					below 0.20% (-) 2044220
					(-) 14098 = 1810720

This bill Amt = 101,85,83720
95,31,27020

[Signature]
3/2/22

[Signature]
3/2/22
Je Sph

CP
Plan
11/02/2022
EK

Name of Agency :- Hanuman Construction, AT- Lav Kush Ghat, Valmikinagar
West Champaran

Name of Work :- Construction of Road PMGSY Kainee Tola To Purana Vatee
Under:-MMGSY (Gen.)

Agreement no. 33 SBD/2021-22

Rate approved by C-E-03, RWD Biharr Patna

Letter No. 3936.eac Date 17.06.2021

Agreement value

₹ 23662333 = Two Crore Thirty Six Lakh
Sixty Two Thousand Three Hundred
Thirty Three Only.

Date of work order

06.07.2021

Time of Completion

05.07.2022

Performance Security

₹ 535000 = five Lakh Thirty five Thousand
Only

Additional Performance Guarantee

Security Deduct from bill

8%

No of Items

44

Rate

0.20 % Below.

M/S HANUMAN CONSTRUCTION

Sanjay Kumar
Proprietor

06/7/21
Executive Engineer
R.W.D., Works Div., Bagah.

R. A. D. Works Div., Bagah.