

RURAL WORKS DEPARTMENT

GOVT. OF BIHAR



Name of Work:- NH 104 Bathana Bazar to Karbanna Path.
Block:-Sursand.

F.D.R

Rs. ~~1972864.00~~ 1179658.00

Year-2021-22.

Name of Circle:- R.W.D. Works Circle, Sitamarhi.

Name of Division:- R.W.D. Works Division, Pupri.

DETAILED ESTIMATE FOR F.D.R

General Abstract of Cost

Name of Road:-NH 104 Bathana Bazar to Karbanna Path.

Length of Road:-2.93 Km

Block:-Pupri

District:-Sitamarhi

S. No.	Particulars	Total Cost (in Lakh)
1	Total Cost for Motorable Roads	1677094.00
2	Labour cess @1%	16770.94
3	GST @12%	201251.28
4	Seigniorage Fee @ 10%	77747.53
5	Total Cost of Road Repair	1972863.75

Say Rs. ~~1972864.00~~

1179658.00

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अभियन्ता-प्रमुख ग्रामीण कार्य विभाग के पत्रांक-4849
दिनांक-07/12/2021 के आदेशानुसार प्रशासनिक
स्वीकृति के प्रत्याशा में औपबंधित तकनीकी स्वीकृति प्रदान
की जा रही है। प्रशासनिक स्वीकृति प्राप्त होने के उपरान्त
पुनः तकनीकी स्वीकृति प्रदान की जायेगी। औपबंधित तकनीकी
स्वीकृति रुपये ~~11,79,658.00~~ (असालह लाख उनहसरी हजार ६६ सौ अठ्ठावन)
की प्रदान की जाती है।

Shendey
22/4/22
अधीक्षक अभियन्ता
ग्रामीण कार्य विभाग
कार्य अंचल, सीतामढ़ी

Schedule of Quantity

Name of Road:-NH 104 Bathana Bazar to Karbanna Path.

Sl. No.	Description of Item	Qty	Unit	Rate	Amount
1	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	0.00	Cum	488.11	0.00
2	Providing and laying of Brick Bat obtained from Chimney with machanical means with all spreading, grading to required slope and compacted at OMC to achieve required density with all complete as per the direction of engineer in charge.	816.1614			0.00
	Less 20% for Voids	163.23228		1733.25	1131673.00
		652.9291	Cum	2105.01	1374422.327
3	Single bamboo paiasiding/ walling of whole 2nd class bamboo (Jati or Bethua) 75mm dia and closely packed & driven including fitting fixing with half bamboo kamis horizontally in three rows with cane or tying with wire complete and Struts 1.5m apart longitudinally and providing brush wood as per drawing and technical specification clause 1302.5	77.00	m	140.4	10810.80
4	Providing, Laying and placing empty cement bag filled with local sand including stiching with sutall etc. do.....do.....all complete job as per specification and direction of E/L. (including Royalty and all Taxes)	0.00	no.	9.63	0.00
5	Providing and Laying Reinforced Cement Concrete Pipe NP3 (dia 1000) as per design in Single Row with old available pipe	10.00	m	3300 3400.00	33000.00 34000.00
6	Providing and Laying Reinforced Cement Concrete Pipe NP3 (dia 600) as per design in Single Row with old available pipe	5.00	m	835.00 850.00	4175.00 4250.00
7	Providing Quarry Material Rabbish for filling the voids in bricks batsdo.....all complete job as per specification and diredtion of E/L.			873.01	145503
	Taking 20% of Brick Qty for Rabbish	163.23228	Cum	1553.68	253610.7288

Total 1677093.86

Say 1677094.00

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Details of Measurement of ditches filled by brick bats and rabbish

Name of Road:-NH 104 Bathana Bazar to Karbanna Path.

	Nos.	L	W		H	VOLUME
CH 0.250 Km	1	9.40	4.000		0.400	15.0400
	1	4.00	1.500		0.300	1.8000
	1	1.60	3.400		0.250	1.3600
	1	8.70	3.200		0.250	6.9600
	1	3.50	1.500		0.250	1.3125
	1	2.50	3.200		0.300	2.4000
	1	4.80	3.250		0.300	4.6800
	1	12.00	3.500		0.300	12.6000
	1	1.80	1.500		0.250	0.6750
	1	11.00	4.000		0.450	19.8000
CH 0.400 Km at CHC	1	2.50	1.500		0.300	1.1250
	1	4.20	3.500		0.250	3.6750
	1	1.50	1.500		0.250	0.5625
	1	30.00	4.000		0.400	48.0000
CH 0.500 Km at Diversion	1	12.00	2.500		0.800	24.0000
	1	30.00	5.366		0.900	144.8820
	1	6.50	5.350		0.400	13.9100
	1	18.00	3.500		0.400	25.2000
CH at 0.800km Hand Pump	1	8.20	3.500		0.300	8.6100
	1	6.00	4.000		0.200	4.8000
	1	19.00	4.800		0.400	36.4800
	1	20.00	4.650		0.800	74.4000
CH at 1.000 km at pond	1	20.00	5.400		0.400	43.2000
	1	9.00	6.330		0.300	17.0910
	1	22.00	5.900		0.250	32.4500
	1	30.00	4.733	Av	0.600	85.1940
	1	20.50	5.250		0.600	64.5750
CH at 1.500 km Diversion RCC Slab Bridge	1	11.00	3.000		0.250	8.2500
	1	6.00	3.000		0.200	3.6000
	1	3.60	2.000		0.200	1.4400
	1	30.00	5.500	Av	0.500	82.5000
	1	30.00	5.750	Av	0.500	86.2500
CH at 2.100 km Diversion RCC Slab Culvert	1	7.30	5.600	Av	0.300	12.2640
	1	10.00	5.500	Av	0.300	16.5000
	1	3.00	1.400	Av	0.300	1.2600
		Total (in Cum)				906.8460
		Less @ 10% Old Salvage Material				90.6846
		Net Qty (in cum)				816.1614
Laying Hume Pipe of 1000 mm dia	4	2.5				10.00
Laying Hume Pipe of 600 mm dia	2	2.5			0	5.00
Cement Bage						

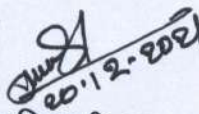
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बाढ़ क्षतिग्रस्त पथों का अन्तर प्रमंडलीय जाँच प्रतिवेदन हेतु प्रपत्र

1	निरीक्षी पदाधिकारी का नाम एवं पदनाम:-	ई0 विनोद कुमार साह, कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, सीतामढ़ी।
2	निरीक्षण की तिथि:-	20-12-21
3	पथ का नाम (शीर्ष के साथ)	NH104 Bathana Bazar to Karbanha Path
4	पथ की लम्बाई	2.93km
5	कार्य प्रमंडल का नाम	ग्रामीण कार्य विभाग, कार्य प्रमंडल, पुपरी।
6	प्रखंड का नाम	सुरसंड।
7	पथ की स्थिति	(Completed/Ongoing) O/M.
8	पथ अनुरक्षण अवधि में हैं	(Yes/No)
9	क्षतिग्रस्त भाग की लम्बाई	पुपरी
10	क्षतिग्रस्त भाग में कराये गये कार्य का विवरणी (लम्बाई x ऊँचाई x गहराई)	All Mesurment are attached in estimate Qty of Brick Bats :- 652.929100m Qty of Rubbish:- 163.2322800m Total Qty :- 816.161000m Entered in MB No:- 2640 Page No:- 1 to 6
11	अस्थायी पुर्नस्थापन में किस-किस सामग्रीयों को उपयोग किया गया है। उसकी विवरणी	Brick Bats & Rubbish
12	अभ्युक्ति	संतोष प्रद


 निरीक्षी पदाधिकारी का हस्ताक्षर
 पदनाम सहित