

GOVT. OF BIHAR



ग्रामीण कार्य विभाग
Rural Works Department, Govt of Bihar

Year 2021-22

ESTIMATED COST Rs 2967800.00

NAME OF ROAD :- BAIRIA KAMAL GAON ME REO SADAK TO MUSALMAN
TOLA - 2 TAK

DIVISION :- RWD ,WORKS DIVISION , BIRPUR

CIRCLE :- RWD , WORKS CIRCLE MADHEPURA

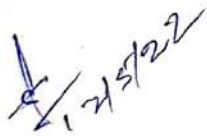
Block :- BASANTPUR SUPAUL

REPORT

An Estimate amounting to Rs **2967800.00** has been framed to meet the actual cost of expenditure towards flood damage repair work of **BAIRIA KAMAL GAON ME REO SADAK TO MUSALMAN TOLA-2 TAK** at Damage Length **110 M** Diversion Length **Basantpur Block** to resume normal traffic facilities for the year 2021-22.

This year's unpredictable rain fall in the Kosi basin broke the rural roads, which increased the problems of the villagers. In this rain, the life of people who were in trouble, were surrounded by water from all sides, it was necessary to resume normal traffic facilities. In the view of above facts breach portion had been restored as soon as possible departmentally with help of local registered agency as directed by department and pressurized by local M.L.A which resumed the normal life of villagers. Measurement of the work had been recorded duly and attached along with the estimate. brick bats, EC Bag, Hume Pipe attached along with the estimate., brick bats, EC Bag, Hume Pipe has been used to restore the traffic and accordingly estimate has been framed on basis of up-to-date SOR.

Hence requested for technical Sanction of the estimate under the head of FDR.


Junior Engineer,
R.W.D., Basantpur

Assistant Engineer,
R.W.D., Basantpur


Executive Engineer,
R.W.D., Works Division, Virpur

**DETAIL OF ESTIMATE FOR RESTORATION OF
BAIRIA KAMAL GAON ME REO SADAK TO MUSALMAN TOLA - 2 TAK**

Annexure - A

BLOCK :- BASANTPUR

Division:- RWD BIRPUR

Sub division:- BASANTPUR

Length of Breach 0.174 KM, Length- 3.495 KM

Yr. 2021-22

Sl. No./ Item no.	Item of works	No.	L	B	H	Unit	Quantity
			M	M	M		CUM
1	Labour for cutting 62mm to 75mm Dia bamboo piles to size and making shoes and driving by Jet machine etc. all complete job as per specification and direction of Engineer-in-charge.	5	38.00	1.00	6.00	M	1140.00
2	Labour for Filled 62 M to 75 M bamboos runners in position with all job.	4	40.00	1.00	1.00	M	160.00
3	Supplying bamboo 75mm dia 6m to 8m long at Complete job as per specification and direction of Engineer.	1	(1140+160)	1.00	1/6	Nos	216.67
					Net Qty =	Nos	217.00
4	Supplying of EC bag, filling of local sand, Stitching and placing in position as per the direction of Engineer-in-charge	2	10.0	(1.5+0.5)/2	(1.0+2.0)/2	CUM	30.00
		2	18.00	1.5	(1.80+2.20)/2	CUM	108.00
		2	4.00	(1.5+0.5)/2	(3.0+2.0)/2	CUM	20.00
		2	25.00	(1.50+1.0)/2	(3.50+3.0)/2	CUM	203.130
		2	12.00	1.0	(2.50+1.00)/2	CUM	42.00
		1	10.00	1.5	2.000	CUM	30.00
		1	6.00	1.0	(3.0+1.0)/2	CUM	12.00
		1	13.00	1.3	1.000	CUM	16.25
		1	23.00	1.5	(2.00+1.20)/2	CUM	55.20
		1	8.00	1.00	(2.00+1.00)/2	CUM	12.00
		1	5.00	1.5	(2.50+1.20+2.50)/3	CUM	15.50
		1	17.00	1.5	5.500	CUM	140.25
		1	5.00	1.0	2.500	CUM	12.50
					Total	CUM	696.83
			Total No. of EC Bags = 696.83*35.315			NO	24609.00
5	Supply and Carriage of bricks bats upto 8 km breach and palcing in breaches and lying of bats, all	1	12.00	(8.50+7.50)/2	1.20	CUM	115.20
		1	18.00	(7.50+5.0)/2	1.50	CUM	168.75
		1	4.00	(5.00+12.30)/2	(0.60+1.00)/2	CUM	27.68
		1	25.00	5.50	(3.50+3.0)/2	CUM	412.50
		2	12.00	1.00	0.20	CUM	4.80
		1	10.00	2.00	0.20	CUM	4.00
		1	6.00	2.00	0.20	CUM	2.40
		1	13.00	2.00	0.20	CUM	5.20
		1	23.00	1.50	0.20	CUM	6.90
		1	8.00	2.00	0.20	CUM	3.20
		1	5.00	5.50	0.30	CUM	8.25
		1	17.00	1.50	0.20	CUM	5.10
		1	5.00	2.00	0.20	CUM	2.00
					Total	CUM	765.98
			Less H.P. -				65.38
					55.00*22/7*1/4*1.23*1.23	CUM	700.60
					Net Qty =	CUM	700.60
6	Supply, laying and Carriage of hume pipe 1000 mm dai (HP) all complete job	2	2.00	2.50			
		2	9.00	2.50		M	10.00
						M	45.00
					Total	M	55.00

Junior Engineer,
R.W.D., Basantpur

Assistant Engineer,
R.W.D., Basantpur

Executive Engineer,
R.W.D., Works Division, Virpur

**DETAILS OF ESTIMATE FOR RESTORATION OF
Abstract of Cost**

Division:- RWD BIRPUR

BLOCK :- BASANTPUR

Sub division:- BASANTPUR

PANCHAYAT :-

Length of Breach 0.174 KM, Length- 3.495 KM

Yr. 2021-22

Sl. No./ Item no.	Item of works	Quantity	Unit	Rate	Amount
1	Labour for cutting 62mm to 75mm Dia bamboo piles to size and making shoes and driving by jet machine etc. all complete job as per specification and direction of Engineer-in-charge.	1140.00	M	45.86	52280.40
2	Labour for Filled 62 M to 75 M bamboos runners in position with all job.	160.00	M	5.31 531.00	849.60.00
3	Supplying bamboo 75mm dia 6m to 8m long at Complete job as per specification and direction of Engineer.	217.00	NO	188.39	40880.63
4	Supplying of EC bag, filling of local sand, stitching and placing in position as per the direction of Engineer-in-charge	24609.00	NO	36.10	888384.90
5	Supply and Carriage of bricks bats upto 8 km breach and piling in breaches and lying of bats, all	700.60	CUM	1922.87	1347162.72
6	Supply, laying and Carriage of hume pipe 1000 mm dia (HP) all complete job	55.00	M	4041.99	222309.45

Add 12% GST

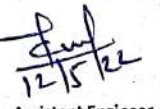
Add 1% Labour cess

Total

Add 10% S. Fee

2551667.70 2510137.47
301216.50
306224=12 25101.37
25518=68 2836455.34
288360=5 601300.00
04,168= 1118
Total Rs 2967778.25 297474.00
Say 29,67,800/- 297000.00

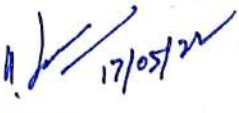

Junior Engineer,
R.W.D., Basantpur


Assistant Engineer,
R.W.D., Basantpur


Executive Engineer,
R.W.D., Works Division, Virpur

Departt letter No- 4849 date 7/12/21.
In reference to E/S/c letter No- 1890 Dtd 22-04-2022

Tfs for Rs 2967800.00 (Rupee Twenty Nine Lakh
sixty seven thousand eight hundred only)


Superintending Engineer
Rural Works Department
Works Circle Madhepura

FDR 2021-22 अन्तर्गत कार्य प्रमंडल, वीरपुर के अधीन बाढ़/अतिवृष्टि से क्षतिग्रस्त गोदरेबुल कार्यों की विस्तृत प्रतिवेदन

क्रमांक	प्रखण्ड	कार्य का नाम	किये गये कार्य का नाम	स्थल पर किये गये कार्य की मापी						
				No.	L	B	H	Unit	Quantity	
					M	M	M		CUM	
1	Basantpur	BAIRIA KAMAL GAON ME REQ SADAK TO MUSALMAN TOLA - 2 TAK	Labour for bamboo piles	5	38.00	1.00	6.00	M	1140.00	
2			Labour for bamboos runners	4	40.00	1.00	1.00	M	160.00	
3			Supplying bamboo	1	(1140+160)	1.00	1/6	Nos	216.67	
							Net Qty =	Nos	217.00	
4			Supplying of EC bag, filling of local sand, Stitching and placing in position as per the direction of Engineer-in-charge	2	10.0	(1.5+0.5)/2	(1.0+2.0)/2	CUM	0.00	
				2	18.00	1.5	(1.80+2.20)/2	CUM	0.00	
				2	4.00	(1.5+0.5)/2	(3.0+2.0)/2	CUM	0.00	
				2	25.00	(1.50+1.0)/2	(3.50+3.0)/2	CUM	203.130	
				2	12.00	1.0	(2.50+1.00)/2	CUM	0.00	
				2	10.00	1.5	2.000	CUM	0.00	
				1	10.00	1.0	(3.0+1.0)/2	CUM	0.00	
				1	6.00	1.0	1.000	CUM	0.00	
				1	13.00	1.3		CUM	0.00	
				1	23.00	1.5	(2.00+1.20)/2	CUM	0.00	
				1	8.00	1.00	(2.00+1.00)/2	CUM	0.00	
				1	5.00	1.5	(2.50+1.20+2.50)/3	CUM	0.00	
				1	17.00	1.5	5.500	CUM	0.00	
				1	5.00	1.0	2.500	CUM	0.00	
							Total	CUM	203.13	
								NO	24609.00	
							Total No. of EC Bags = 696.83*35.315			
5			Supply and Carriage of bricks bats upto 8 km breach and palcing in breaches and lying of bats, all	1	12.00	(8.50+7.50)/2	1.20	CUM	115.20	
				1	18.00	(7.50+5.0)/2	1.50	CUM	168.75	
				1	4.00	(5.00+12.30)/2	(0.60+1.00)/2	CUM	27.68	
				1	25.00	5.50	(3.50+3.0)/2	CUM	412.50	
				1	12.00	1.00	0.20	CUM	4.80	
				2	12.00	2.00	0.20	CUM	4.00	
				1	10.00	2.00	0.20	CUM	2.40	
				1	6.00	2.00	0.20	CUM	5.20	
				1	13.00	2.00	0.20	CUM	6.90	
				1	23.00	1.50	0.20	CUM	3.20	
				1	8.00	2.00	0.20	CUM	8.25	
				1	5.00	5.50	0.30	CUM	5.10	
				1	17.00	1.50	0.20	CUM	2.00	
				1	5.00	2.00	0.20	CUM	765.98	
							Total	CUM	65.38	
							Less H.P. -	55.00*22/7*1/4*1.23*1.23	CUM	700.60
								Net Qty =		
6			Supply, laying and Carriage of hume pipe	2	2.00	2.50		M	10.00	
				2	9.00	2.50		M	45.00	
					Total	M	55.00			

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, सुपौल

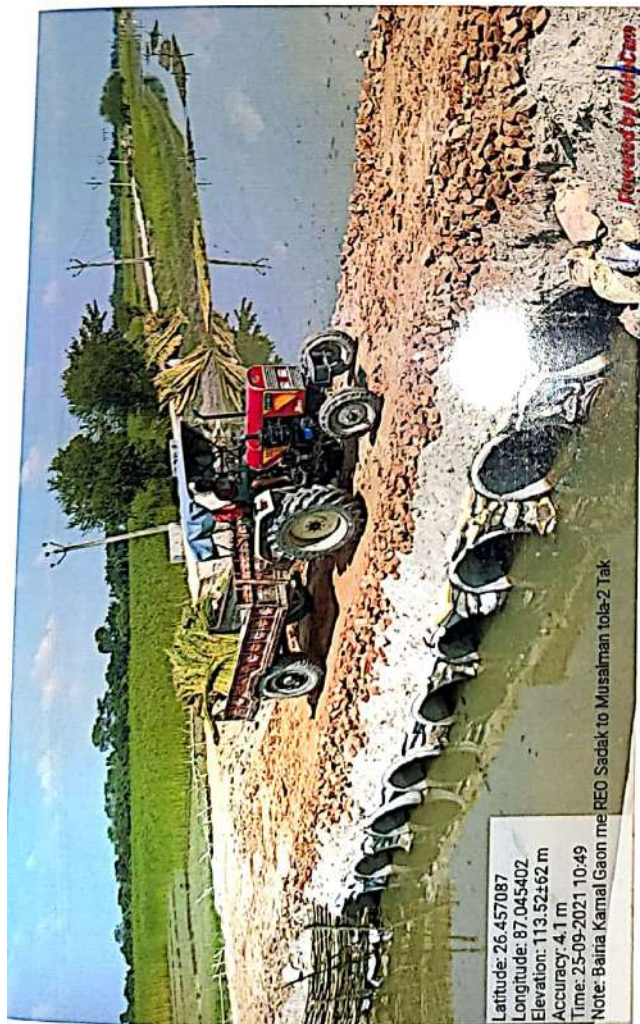
कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, वीरपुर

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, त्रिवेणीगंज

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मधेपुरा

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर, समिति के जाँच प्रतिवेदन के अनुसार Post Facto M.B. एवं Post Facto प्राक्कलन तैयार कराकर सक्षम पदाधिकारी को अग्रोत्तर कार्रवाई हेतु समर्पित।

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मधेपुरा



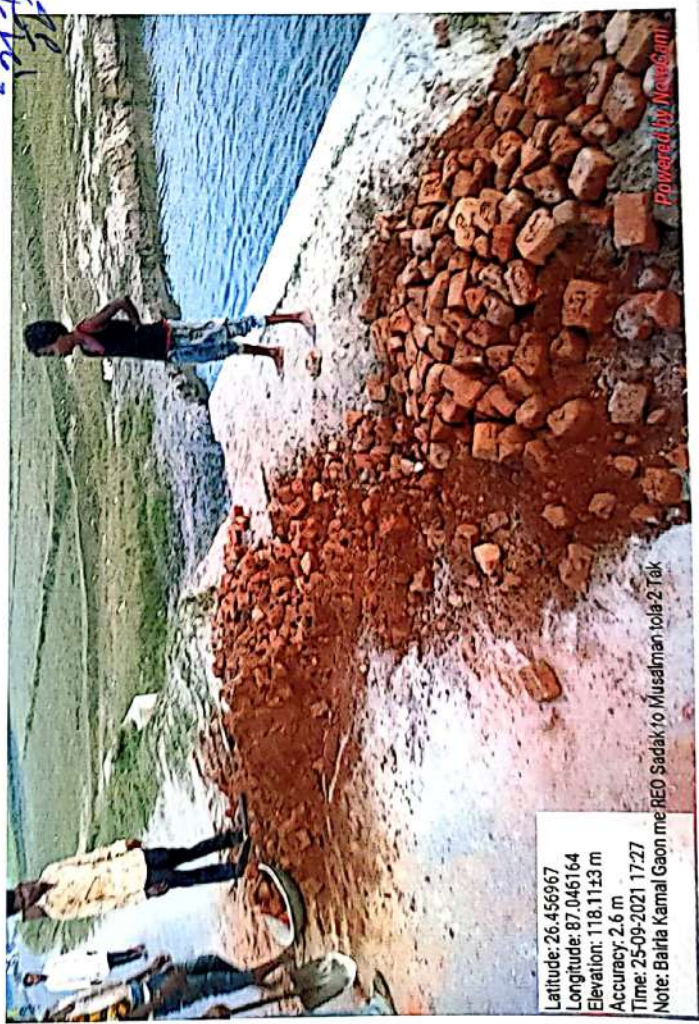
Latitude: 26.457087
Longitude: 87.045402
Elevation: 113.52462 m
Accuracy: 4.1 m
Time: 25-09-2021 10:49
Note: Baria Kamal Gaon me REO Sadak to Musalman tola-2 Tak

Powered by NeoCam



Latitude: 26.457179
Longitude: 87.045208
Elevation: 135.2149 m
Accuracy: 1.8 m
Time: 25-09-2021 16:22
Note: Baria Kamal Gaon me

Powered by NeoCam



Latitude: 26.456967
Longitude: 87.046164
Elevation: 118.1143 m
Accuracy: 2.6 m
Time: 25-09-2021 17:27
Note: Baria Kamal Gaon me REO Sadak to Musalman tola-2 Tak

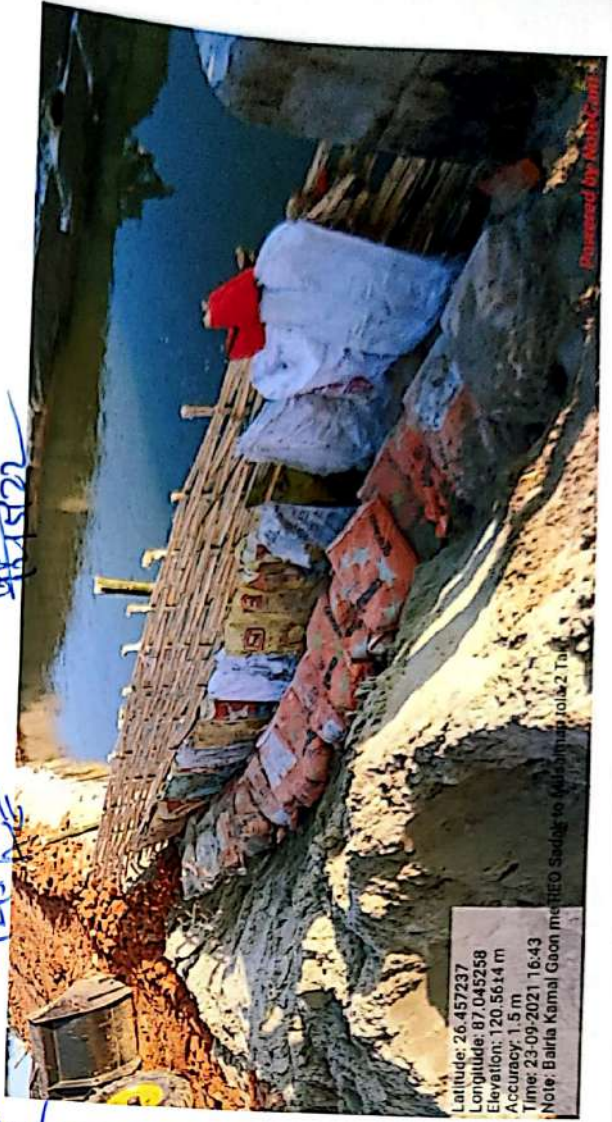
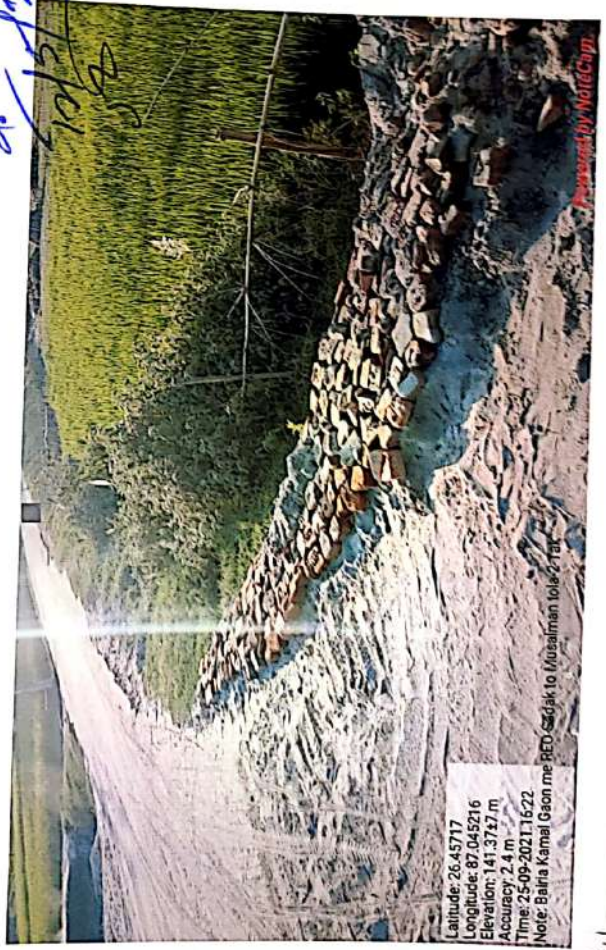
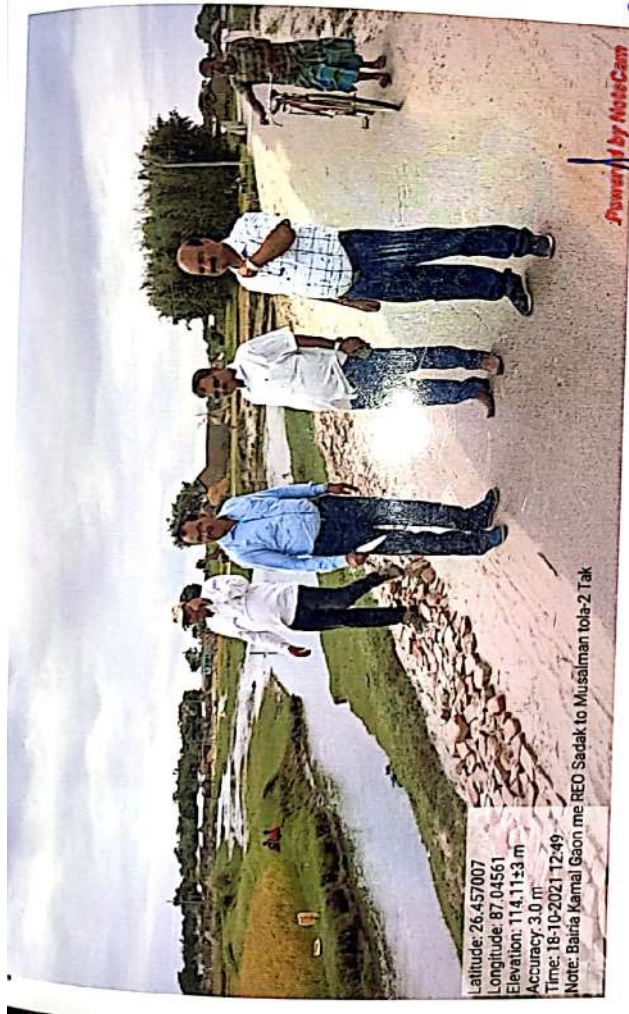
Powered by NeoCam



Latitude: 26.457273
Longitude: 87.045279
Elevation: 120.214 m
Accuracy: 1.3 m
Time: 23-09-2021 17:43
Note: Baria Kamal Gaon me REO Sadak to Musalman tola-2 Tak

Powered by NeoCam

Handwritten notes in blue ink, including a signature and the date 12/5/22.



900m me REO Sorak to Muslims toll



12/5/22

12/5/22

Restoration of road from Baria Kamafgon
me R.E.O. Sakak to Musafamantola-2 Tak.

Schedule XLV-Form No. 134

RWD works Bripur DIVISION

RWD Basganpur SUB-DIVISION

MEASUREMENT BOOK

FDR- 2021-22.

1003
21612

25/12/2021

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W - Restoration of road from					
Barik Kamal Garm me RED					
Sadaka to muslim, tola-2 tola.					
Year 2021-22.					
Agency - depart.					
Authority - EE, RUP. W. DIV.					
Birpur.					

Date - 22/12/22

① Labour for bamboos

Piles with 62 mfd to 75 mfd

with all side - 23.

1x5 x 38.0 x 6.0 = 1140.0m.

2. Labour for bamboos

runners with 62 mfd to

75 mfd bamboos in

position of piles - 23.

1x40 x 4.0 m = 160.0m.

19

[illegible]

Continuation

Continuation
 Total EC bay = 696.83×35.315

Ans $\Rightarrow 24609 \text{ Nos}$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Roadside drainage					
brick bats with					
all to do with					
$1 \times 12.0 \times (8.50 + 7.5) / 2 \times 1.20 \text{ m} = 115.20 \text{ m}^3$					
$1 \times 18.0 \times (7.5 + 5.0) / 2 \times 1.50 \text{ m} = 168.75 \text{ m}^3$					
$1 \times 4.0 \times (5.0 + 12.3) / 2 \times (0.60 + 1.0) / 2 \text{ m} = 27.68 \text{ m}^3$					
$1 \times 25 \times 5.50 \times (3.50 + 3.0) / 2 \text{ m} = 412.50 \text{ m}^3$					
$2 \times 12.0 \times 2.0 \times 0.20 \text{ m} = 4.80 \text{ m}^3$					
$1 \times 10.0 \times 2.0 \times 0.20 \text{ m} = 4.0 \text{ m}^3$					
$1 \times 6.0 \times 2.0 \times 0.20 \text{ m} = 2.40 \text{ m}^3$					
$1 \times 13.0 \times 2.0 \times 0.20 \text{ m} = 5.20 \text{ m}^3$					
1 x 2.0					

$1 \times 23 \times 1.50 \times 0.20 \text{ m} = 6.90 \text{ m}^3$				
$1 \times 8.0 \times 2.0 \times 0.20 \text{ m} = 3.20 \text{ m}^3$				
$1 \times 5.0 \times 5.50 \times 0.30 \text{ m} = 8.25 \text{ m}^3$				
$1 \times 17.0 \times 1.50 \times 0.20 \text{ m} = 5.10 \text{ m}^3$				
$1 \times 5.0 \times 2.0 \times 0.20 \text{ m} = 2.0 \text{ m}^3$				
$\text{Total} = 765.98 \text{ m}^3$				
less - MP. - $5.0 \times 2 = 10 \text{ m}^3$				
$9 \times 5.0 = 45 \text{ m}^3$				
55.0 m^3				
$\text{Net} = 1 \times 55 \times 22 / 7 \times \frac{1}{4} \times 1.23 \times 1.23 \text{ m}^3$				
$= 65.38 \text{ m}^3$				
$\text{Net} = (765.98 - 65.38)$				
$\text{Net} = 700.60 \text{ m}^3$				

Continuation

Sample 15413P (3)

$$d_p = 55.0 \text{ m}$$

22/07/22
J.E.

23/6/22
AE

material statement-

① local sand - 836.20 m³

② B/bat - 700.60 m³

3) 4.0.	55	0	m
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2/15/22
JE

~~Ref~~
23/5/22
AG

Abstract cont

Sch. XLV-Form No. 134

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
N/W - Restoration of road from Baria Kamaul gaon to R.E.O. Sadak to Musalman to la-2th Year 20 21-22.				
Agency - depart.				
Authority - EE, RWD work 21/2 Bisalpur.				
Date - 22/8/22				

① Labour for cutting 62mm ϕ to 75mm ϕ bamboos piles with making of shoes with all the 25.				
unit - ① = 1140.0m				
e/b. 45.86/m				
				52280.0
2. Labour for bamboos rungs with 62mm ϕ to 75mm ϕ bamboos to pile position with all the 25.				
unit - ① = 160.0m				
e/b. 5.31/m				850.0

Continuation

Continuation

