



ग्रामीण कार्य विभाग

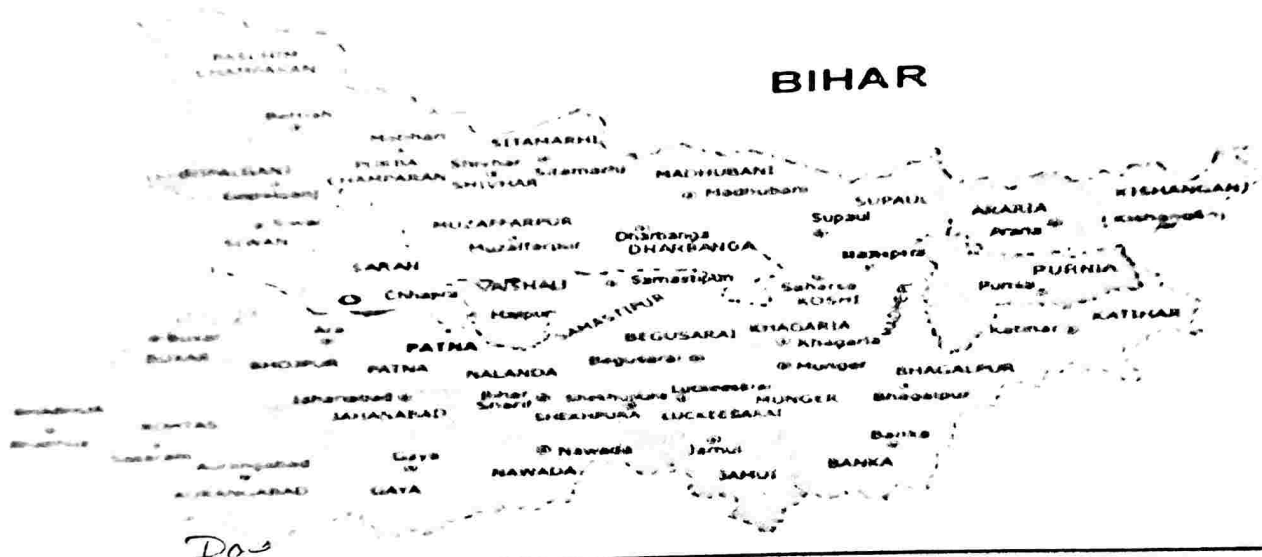
Rural Works Department, Govt of Bihar

FDR

Restoration for

**PLAN HEAD FDR(2245)
(2021-2022)**

BIHAR



**ESTIMATE FOR REPAIR OF ROAD BREACHES (DAMAGE BY FLOOD) FOR
MOTARABLE WORK IN RAMPUR TO KHORAMPUR ✓**

Doyalpur Saraniya (Rampur Doshpur)

DISTRICT	<i>Doyalpur Saraniya (Rampur Doshpur)</i>	Saran	
DIVISION		Marhaura	
BLOCK		Marhaura	
TOTAL LENGTH OF ROAD		9.584	KM
TOTAL COST OF CONSTRUCTION		9.589	Lac
TOTAL COST OF PROJECT		9.584 9.589	Lac

FDR(2021-2022)

प्रतिवेदन

पथ का नाम:- ~~Rampur To Khorampur~~ *Dargah for Sanyia Path*
(Rampur Se Dargah)
पथ की लम्बाई:- KM.
पथ के क्षतिग्रस्त भाग की लम्बाई:- 0.067 KM.
प्रखंड:- मढौरा जिला :- सारण
प्रमंडल:- ग्रामीण कार्य विभाग कार्य प्रमंडल, मढौरा
अंचल:- ग्रामीण कार्य विभाग कार्य अंचल, छपरा
प्राक्कलित राशि:- 958892 रु

प्रस्तुत प्राक्कलन गत माह जिला क्षेत्र अंतर्गत बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों के मोटेबुल कार्य हेतु कुल रुपये 958892.000 लाख मात्र के लिए तैयार किया गया है।
958430.200 विदित है की गत जून

महीने से सितम्बर अक्टूबर महीने तक लगातार अन्तराल पर जिला क्षेत्र अंतर्गत अस्तमयिक रूप से पथ क्रस्ट काफी क्षतिग्रस्त हो गया जिससे पथों पर आवागमन बुरी प्रभावित हो गया। ऐसी परिस्थिति में पथों पर आम जनता को सुलभ आवागमन प्रदान करने हेतु विभागीय उच्चाधिकारियों से प्राप्त आदेश एवं इस संबंध में विभाग से निर्गत दिशा निर्देश के अलोक में तत्काल प्रभाव से प्रभावित पथों में कटाव/क्षतिग्रस्त भाग में अवश्यकतानुसार Brick Bats भरकर चलने लायक बनाया गया है।

इस प्रकार कटाव/क्षतिग्रस्त भाग में अवश्यकतानुसार Brick Bats इत्यादि मर्दों का प्रावधान करते हुए प्राक्कलन कुल रुपये 958892.000 लाख का तैयार किया गया है जो कार्य हित में आवश्यक एवं जनपयोगी है।

प्राक्कलन वर्तमान अनुसूचित दर पर तैयार किया गया है, जिस पर स्वीकृति अपेक्षित है।



कनीय अभियंता



सहायक अभियंता



कार्यपालक अभियंता

Inspection Report For Flood Damage Work

Date:

1. Name of PIU - J. J. K. W. (W) Markham.
2. Name of Block/Road - ~~Amman - Markham~~ Markham work in Daigalfer
Sariya To. R. R. Park. De. S. per.

A. For Road

1. Damage Location/ Chainage :- 710 - 715
2. Damage Length :- 5.0874
3. Nature of Damage :- Road cutting due to flood.
4. Details of Restoration :- Bamboo, Brick bats, Local sand.
 - I. Materials being used in restoration : Bamboo, Brick bats, Local sand.
 - II. Equipment/Tools being used in restoration works : Pickaxe, G.S.B, Trolley etc.
 - III. Procedure taken up in restoration works : Excavating by filling.
 - IV. Restored Length : 5.087 km.

For Bridge

- | | |
|------------------------------|--|
| Damage Location/ Chainage :- | |
| Damage Length :- | |
| Nature of Damage :- | |
| Details of Restoration :- | |

Materials being used in restoration :

Equipment/Tools being used in restoration works:

Procedure taken up in Restoration works :

Restored Length :

Signature of AE/JE/EE


Executive Engineer
Rural Works Department
Works Division, Marhaura

Signature

(Name of Inspector)

FDR

GENERAL ABSTRACT OF COST

Block:- arhaura

District:- Saran

Length of Road:-

Name of Road:-

Estimate for Repair of Road Breaches (Damage By Flood) For Motorable Work
in Rampur To Khorampur - Doyalpur Sazaiya (Rampur Doshpur)

SL. No.	Item of Work	Amount
		9.584
A	TOTAL COST	9.589 lacs
		9.589 lacs
	TOTAL	9.584 lacs

Junior Engineer

Asstt. Engineer

Executive Engineer

T/S. for Rs. 9.584/- lacs.
(Repair Nine lacs) only. Eight thousand four
hundred only.

15/01/22
Superintending Engineer
Rural (Works) Deptt.
Works Circle, Chapra

Sl. No.	Particulars	Unit	Quantity	Rate	Amount	Sl. No.	Particulars	Unit	Quantity	Rate	Amount
1	8.1.3.2 (iii) Providing brick bats including spreading laying labour for dry graded jhama khoo folter under brick pitching or boulder pitching in slope or apron including light ramming etc. All complete job as per approved design specification and direction of E/L including carriage cost of bricks.		392.00	2,300.58	9,018	2	Local Sand For Voids Filling Filling and Spreading local sand over brick bats as per drawing and technical specification clause 905.30		31.00	652.27	20,1
	Quantity As Per Annexure-1 (For Brick Bats)	Cum					Quantity As Per Annexure-2 (For Local Sand)	Cum			
3	Supply For Bamboo A Vertical Bamboo						Quantity As Per Annexure-2 (For Local Sand)	Cum			
			70	x	3.50						
			15	x	3.00						
			290.00	/	6.00						
			208	x	No.						
			0.00	/	2.00						
					1.413						
					No.						
					Total						
					5% Add Westage						
					Total						
4	5.7.7 Bamboo Piles Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per Vertical Bamboo		67	x	3.5						
					M						
5	5.7.8 Bamboo Woven Chachari Labour for fitting and driving split bamboo woven chachari inn position with 20 swg G.I. wire or 75 mm to 100 mm long		67	x	2.00						
					M						
					134.00						
					134.00						
					34.82						

Sl. No.	Mat. No.	Quantity	Unit	Description	Item	Width	Height	Quantity	Date	Amount (in Rs.)
6	579			Bamboo Runners						
				Labour for fitting and fixing 6.2 mm to 7.5 mm dia bamboo runners in position at every vertical pile with 1.50 mm long						
					Fitting & Fixing	20	60/75	7.50	24.82 / 26.13	
				For Vertical Bamboo	M	15	300	7.50		
				Bamboo for str Chachari				100.00		
				Bamboo for Chachari				7.50		
				Total Bamboo	2	70	25	3500.00		
								24.758 99		
TOTAL COST IN RS =										24.758 99
										24.758 99

Writup

12/11/20

AE RWD

AE RWD

AE RWD

9.58430

ANNEXTURE-1

Estimate for Repair of Road Breaches (Damage By Flood) For

Name Of Road :- Motarable Work In Rampur To Khorampur & Doharpur

Block:- Marbaura

QUANTITY

Sl. No.	Description	Nos.	LENGTH (m)	WIDTH (m)Av.	HEIGHT (m)Av.	UNIT	QUANTITY
1	-	1	8.50	3.80	0.75	CUM	24.23 m3
2	-	1	3.20	4.50	0.80	CUM	11.52 m3
3	-	1	2.90	3.90	0.70	CUM	7.92 m3
4	-	1	43.10	(23.28+15)/3	1.50	CUM	142.23 m3
5	-	1	14.30	2.00	1.20	CUM	34.32 m3
6	-	1	11.70	3.15	1.00	CUM	36.86 m3
7	-	1	15.00	2.80	1.20	CUM	50.40 m3
8	-	1	12.75	3.90	1.70	CUM	84.53 m3

TOTAL QUANTITY FOR BRICK BATS=

392.00 m3


AE
RWD

EE
RWD

ANNEXTURE-2

Block:- Marhaura

Estimate for Repair of Road Breaches (Damage By Flood) For

Name Of Road :-

Motatable Work in Rampur To Khorampur

Description

No.

Nos.

LENGTH
(m)

WIDTH
(m)Av.

HEIGHT
(m)

UNIT

QUANTITY

1

2

3

4

5

6

7

8

1

1

1

1

1

1

1

1

8.50

3.20

2.90

43.10

14.30

11.70

15.00

12.75

3.80

4.50

3.90

(23.28+15)
/1

2.00

3.15

2.80

3.90

0.10

0.10

0.10

0.10

0.10

0.10

0.10

0.10

CUM

CUM

CUM

CUM

CUM

CUM

CUM

CUM

3.23 m3

1.44 m3

1.13 m3

9.48 m3

2.86 m3

3.69 m3

4.20 m3

4.97 m3

31.00 m3

TOTAL QUANTITY FOR LOCAL SAND =

10/10/11

AE
RWD

✓

EE
RWD

Brick Bats Pitching Manual Means

Sl No	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
	Labour for dry graded jhama khoa folter under Brick Pitching or boulder pitching in slope or apron including light ramming etc. All complete as per approved design specification and direction of E/L.				
	Unit - Per Cum				
	Taking Output = 2.832 Cum				
	Unskilled Mazdoor	Nos.	3	304.00	912.00
	Add 6% Overhead Charge				54.72
	Rate for 2.832 Cum				966.72
	Rate Per Cum (Rs.) =				341.35
RCD	Cost of haulage Excluding Loading and Unloading				
	Haulage of Materials By Tractor Excluding Cost Of loading, unloading and stacking				
	Unit - t.km				
	Taking output 3.60 tonnes load and lead 10 km = 36.0 t.km				
	(i) Surface Road				
	Speed With load : 15 km / hour.				
	a) Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.667	652.00	434.88
	Time Taken For empty return trip	hour	0.400	652.00	260.80
	b) Overhead Charges @ 0.06 on (a)				41.74
	Cost for 36 t.km = (a+b+c)/36				737.43
	Say RS.-				20.48
	ii) Unsurface Gravel Road				
	Speed With load : 12 km / hour.				
	Speed for empty return trip : 20 km / hour.				
	a) Machinery.				
	Tractor 3.6 tonnes Capacity				
	Time Taken For onward haulage with load	hour	0.833	652.00	543.12
	Time Taken For empty return trip 0.50	hour	0.500	652.00	326.00
	b) Overhead Charges @ 0.06 on (a)				52.15
	Cost for 36 t.km = (a+b+c)/840.34				921.26
	Rate per t.km = (a+b+c)/3623.34				25.59
	Say RS.-				25.59

1.1 RCD Loading and Unloading of Stone Boulder / Stone aggregate / sand / kanker / Moorum

Placing Tractor at loading point, loading with front loader, dumping, turnig for return trip, excluding for haulage and return trip.

Unit = cum

Taking output = 2.25 cum

Time required for

i) Positioning of Tracter at loading Point

1 Min

ii) Loading by front end loader 1cum bucket @ capacity 25 cum per hour

5 Min

iii) Maneuvering, reverse, dumping and turnig for return

0 Min

iv) Wating time, unforeseen Contingencies etc.

0 Min

Total

6 Min

a) Labour

Mate

Day

0.03

316.00

9.48

Mazdoor for loading and unloading

Day

0.72

304.00

218.88

b) Machinery

Tractor 3.60 tonnes capacity

hour

0.10

652.00

65.20

Front end loader 1 cum bucket capacity @ 25 cum/hour

hour

0.08

#####

265.68

c) Overhead charges @ 0.06 on (a+b)

33.55

Cost for 2.25 cum = a+b+c+d

592.80

Cost for 2.25 cum = (a+b+c+d)/2.25

263.47

Note- Unloading will be done manually.

1 Supplying for Brick Bats (With OH)

A Basic Rate of Brick Bats

Per Cum

#####

1006.00

Add overhead Charges 6%

0.06

60.36

Total-

1066.36

Surface Lead

km

7.00

Unsurface Lead

km

1.00

Factor(3.6/2.25)

cum

1.60

B Carriage (with OH)

(1.6 x 7 x 20.48) + (1.6 x 1 x 25.59) + 263.47

533.83

C Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)

341.36

Total (A+B+C)-

1941.55

Add 1% Labour Cess (A+B+C)

19.42

Add 12% GST(A+B+C)

232.99

Add 10% cost of Material for seigniorage Fee

1.00

106.64

106.64

Total Cost per Cum

Rs:-

2300.58

[illegible]

Analysis for Carriage by Road & Rail

Analysis for Carriage by Road									
Name of Road		District		Block		Carriage Cost & Load in Ton		Total Tons	
Q No	Drawn with	Number	Weight	Number	Weight	Packs / Nos	Weight	Carriage Cost per unit weight	Load in Ton
1	1 ton 250 lbs	1	250	1	250	1	250	1	250
2	1 ton 250 lbs	1	250	1	250	1	250	1	250
3	1 ton 250 lbs	1	250	1	250	1	250	1	250
4	1 ton 250 lbs	1	250	1	250	1	250	1	250
5	1 ton 250 lbs	1	250	1	250	1	250	1	250
6	1 ton 250 lbs	1	250	1	250	1	250	1	250
7	1 ton 250 lbs	1	250	1	250	1	250	1	250
8	1 ton 250 lbs	1	250	1	250	1	250	1	250
9	1 ton 250 lbs	1	250	1	250	1	250	1	250
10	1 ton 250 lbs	1	250	1	250	1	250	1	250
11	1 ton 250 lbs	1	250	1	250	1	250	1	250
12	1 ton 250 lbs	1	250	1	250	1	250	1	250
13	1 ton 250 lbs	1	250	1	250	1	250	1	250
14	1 ton 250 lbs	1	250	1	250	1	250	1	250
15	1 ton 250 lbs	1	250	1	250	1	250	1	250
16	1 ton 250 lbs	1	250	1	250	1	250	1	250
17	1 ton 250 lbs	1	250	1	250	1	250	1	250
18	1 ton 250 lbs	1	250	1	250	1	250	1	250
19	1 ton 250 lbs	1	250	1	250	1	250	1	250
20	1 ton 250 lbs	1	250	1	250	1	250	1	250
21	1 ton 250 lbs	1	250	1	250	1	250	1	250
22	1 ton 250 lbs	1	250	1	250	1	250	1	250
23	1 ton 250 lbs	1	250	1	250	1	250	1	250
24	1 ton 250 lbs	1	250	1	250	1	250	1	250
25	1 ton 250 lbs	1	250	1	250	1	250	1	250
26	1 ton 250 lbs	1	250	1	250	1	250	1	250
27	1 ton 250 lbs	1	250	1	250	1	250	1	250
28	1 ton 250 lbs	1	250	1	250	1	250	1	250
29	1 ton 250 lbs	1	250	1	250	1	250	1	250
30	1 ton 250 lbs	1	250	1	250	1	250	1	250
31	1 ton 250 lbs	1	250	1	250	1	250	1	250
32	1 ton 250 lbs	1	250	1	250	1	250	1	250
33	1 ton 250 lbs	1	250	1	250	1	250	1	250
34	1 ton 250 lbs	1	250	1	250	1	250	1	250
35	1 ton 250 lbs	1	250	1	250	1	250	1	250
36	1 ton 250 lbs	1	250	1	250	1	250	1	250
37	1 ton 250 lbs	1	250	1	250	1	250	1	250
38	1 ton 250 lbs	1	250	1	250	1	250	1	250
39	1 ton 250 lbs	1	250	1	250	1	250	1	250
40	1 ton 250 lbs	1	250	1	250	1	250	1	250
41	1 ton 250 lbs	1	250	1	250	1	250	1	250
42	1 ton 250 lbs	1	250	1	250	1	250	1	250
43	1 ton 250 lbs	1	250	1	250	1	250	1	250
44	1 ton 250 lbs	1	250	1	250	1	250	1	250
45	1 ton 250 lbs	1	250	1	250	1	250	1	250
46	1 ton 250 lbs	1	250	1	250	1	250	1	250
47	1 ton 250 lbs	1	250	1	250	1	250	1	250
48	1 ton 250 lbs	1	250	1	250	1	250	1	250
49	1 ton 250 lbs	1	250	1	250	1	250	1	250
50	1 ton 250 lbs	1	250	1	250	1	250	1	250
51	1 ton 250 lbs	1	250	1	250	1	250	1	250
52	1 ton 250 lbs	1	250	1	250	1	250	1	250
53	1 ton 250 lbs	1	250	1	250	1	250	1	250
54	1 ton 250 lbs	1	250	1	250	1	250	1	250
55	1 ton 250 lbs	1	250	1	250	1	250	1	250
56	1 ton 250 lbs	1	250	1	250	1	250	1	250
57	1 ton 250 lbs	1	250	1	250	1	250	1	250
58	1 ton 250 lbs	1	250	1	250	1	250	1	250
59	1 ton 250 lbs	1	250	1	250	1	250	1	250
60	1 ton 250 lbs	1	250	1	250	1	250	1	250
61	1 ton 250 lbs	1	250	1	250	1	250	1	250
62	1 ton 250 lbs	1	250	1	250	1	250	1	250
63	1 ton 250 lbs	1	250	1	250	1	250	1	250
64	1 ton 250 lbs	1	250	1	250	1	250	1	250
65	1 ton 250 lbs	1	250	1	250	1	250	1	250
66	1 ton 250 lbs	1	250	1	250	1	250	1	250
67	1 ton 250 lbs	1	250	1	250	1	250	1	250
68	1 ton 250 lbs	1	250	1	250	1	250	1	250
69	1 ton 250 lbs	1	250	1	250	1	250	1	250
70	1 ton 250 lbs	1	250	1	250	1	250	1	250
71	1 ton 250 lbs	1	250	1	250	1	250	1	250
72	1 ton 250 lbs	1	250	1	250	1	250	1	250
73	1 ton 250 lbs	1	250	1	250	1	250	1	250
74	1 ton 250 lbs	1	250	1	250	1	250	1	250
75	1 ton 250 lbs	1	250	1	250	1	250	1	250
76	1 ton 250 lbs	1	250	1	250	1	250	1	250
77	1 ton 250 lbs	1	250	1	250	1	250	1	250
78	1 ton 250 lbs	1	250	1	250	1	250	1	250
79	1 ton 250 lbs	1	250	1	250	1	250	1	250
80	1 ton 250 lbs	1	250	1	250	1	250	1	250
81	1 ton 250 lbs	1	250	1	250	1	250	1	250
82	1 ton 250 lbs	1	250	1	250	1	250	1	250
83	1 ton 250 lbs	1	250	1	250	1	250	1	250
84	1 ton 250 lbs	1	250	1	250	1	250	1	250
85	1 ton 250 lbs	1	250	1	250	1	250	1	250
86	1 ton 250 lbs	1	250	1	250	1	250	1	250
87	1 ton 250 lbs	1	250	1	250	1	250	1	250
88	1 ton 250 lbs	1	250	1	250	1	250	1	250
89	1 ton 250 lbs	1	250	1	250	1	250	1	250
90	1 ton 250 lbs	1	250	1	250	1	250	1	250
91	1 ton 250 lbs	1	250	1	250	1	250	1	250
92	1 ton 250 lbs	1	250	1	250	1	250	1	250
93	1 ton 250 lbs	1	250	1	250	1	250	1	250
94	1 ton 250 lbs	1	250	1	250	1	250	1	250
95	1 ton 250 lbs	1	250	1	250	1	250	1	250
96	1 ton 250 lbs	1	250	1	250	1	250	1	250
97	1 ton 250 lbs	1	250	1	250	1	250	1	250
98	1 ton 250 lbs	1	250	1	250	1	250	1	250
99	1 ton 250 lbs	1	250	1	250	1	250	1	250
100	1 ton 250 lbs	1	250	1	250	1	250	1	250

Wm. S. Johnson

AF
BWD

2

QWED

Analysis of Rates (FORMAT F8)

Filling and Spreading Local Sand Over Back Hats As Per Drawing and Technical Specification Clause 305.3.9

Fine Sand Filling					
Unit = cum					
a)	Labour				
	Male	day	0 01	310.00	
	Male/Unskilled	day	0 30	304.00	
b)	Material	day	1 20	141.75	
Sand assuming 20% voids					
c)	Overheads @ 6 % on (a+b)				
d)	Contractor's profit @ 10% on (a+b+c)				
Rate per cum = a+b+c+d					
Carriage cost					
Fine Sand		nos	1 20	185.01	
Cost per cum including Carriage					
Labour cess 1%					
GST 12%					
Seigniorage 10%					
TOTAL COST				cum	

Analysis of Rates (FORMAT F8)

MORD Ref No	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
	(A) Labour of filling new E.C bags with local sand (Volume of filled bag 1.2 cft and weight 50 kg) stitching on two lines by approved nylon thread with stitching machine & generators stacking the bags and placing in nylon crate of size (1m x 1m) with a lead of 150 m including supply of nylon thread etc placing the filled crates in water protection within a lead of 30m all complete as per approved design specification and direction of E/I (5.7.19.3 & 5.7.49) New E.C bags carriages of local sand by boat 1/2 km lead				
	Unit = Each Bag				
	Taking Out Put Of 100 Nos. Filled New Bags In 4 Nos. N.C.				
a)	Labour	Nos	1.67	304.00	507.68
	Unskilled Labour For Filling Stitching & Stacking	Nos	3.00	304.00	912.00
	Unskilled Labor For Carrying & Placing	Nos	0.33	385.00	127.05
	Skilled Labour For Stitching	nos	2.00	30.00	60.00
	Material For Stitching				
	Stitching Roll (Nylon)	Day	0.33	50.00	16.50
	Hire Charges Of Machine	Hrs	2.67	74.00	197.58
	Hire Charge Of Stitching Machine				218.50
	Hire Charge Of generator 3KVA				203.93
	Over Heads @ 12% on (a+b+c)				2243.24
	C Profit @ 10% on (a+b+c+d)				560.81
d)	Cost for 100 Nos. = a+b+c+d	cum			
	Rate Per cum = (a+b+c+d) (A x 120/100x4)				
	CARRIAGE		0.450	185.01	83.25
	Carriage for Local Sand				644.06
	Rate per cum with carriage				644.06
	Total Cost	CUM			
	Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I.				
	Unit = Per M				
	Taking Out put = 10 Joint				
	(Assuming 10 Joints)				
a)	Materials	nos	20.00	32.88	657.60
	Nut And Bolts 16 mm Dia 225mm Long With Washer etc.				
b)	Labor	nos	0.50	408.00	204.00
	Carpenter Grtl	nos	0.25	304.00	76.00
	Unskilled Mazdoor				112.51
c)	Overheads @ 12%				105.01
d)	Contractor's profit @ 10% on (a+b+c+d)				115.51
	Rate Per cum = (a+b+c+d)/10	Per M			
	Total Cost	Per M			115.51
	Labour for cutting 62 mm to 75 mm dia bamboo piles to size and making shoes and driving etc complete job as per specification and direction of E/I.				
	Unit = Per M				
	Taking Out put = 30.50 M				
	(Assuming 20 nos. Pile Sunk 1.525 Mtr Deep)				
b)	Labor	nos	0.25	408.00	102.00
	Carpenter Grtl	nos	2.50	304.00	760.00
	Unskilled Mazdoor				103.4
c)	Overheads @ 12%				96.5
d)	Contractor's profit @ 10% on (a+b+c+d)				34.8
	Rate Per cum = (a+b+c+d)/30.5	Per M			
	Total Cost	Per M			34.8

Analysis of Rates (FORMAT F8)

Sl. No.	WORD Ref No	DESCRIPTION	Unit	Quantity	Rate	Amount in Rs
		Labour for fitting and fixing split bamboo woven charharran position with 20 swg G.I wire of 75 mm to 100 mm long nails alternatively including cost of G.I wire or nails complete job as per specification and direction of E/I				
		Unit = Per M				
		Taking Out put = 0.10 M				
		(Assuming 20 nos. Pile Sink 1 525 Mtr Deep)				
	a)	Materials				
		75 mm To 100 mm Lon Nails				
	b)	Labour				
		Carpenter Grl				
		Unskilled Mazdoor				
	c)	(Overheads @ 1.2%)				
	d)	(Contractor's profit @ 10% on (a+b+c+d))				
	e)	Rate Per cum = (a+b+c+d)/0.10	Per M			96.37
		Total Cost	Per M			96.37
		Labour for fitting and fixing 62 mm to 75 mm dia bamboo runers in position at every vertical pile with 150 mm long nails or 38 swg G.I wire including cost of G.I wire or nails complete job as per specification and direction of E/I				
		Unit = Per M				
		Taking Out put = 30.50 M				
		Materials				
	a)	75mm To 100 mm Lon Nails				
	b)	Labour				
		Carpenter Grl				
		Unskilled Mazdoor				
	c)	(Overheads @ 1.2%)				
	d)	(Contractor's profit @ 10% on (a+b+c+d))				
	e)	Rate Per cum = (a+b+c+d)/30.5	Per M			5.75
		Total Cost	Per M			5.75

Supply of verticle runners 62 mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails complete job as per specification and direction of E/I.

Unit = Per m

Taking output = 30.50 m

a) Labour

Carpenter

Unskilled mazdoor

day

0.125

408.00

51.00

day

0.25

304.00

76.00

b) Materials

150 mm long nails

Bamboo of 62 mm to 75 mm dia

Kg

0.58

61.74

30.87

M

30.50

24.94

760.52

55.10

c) Overheads on (a+b)

=@

6%

97.35

d) Contractor's profit on (a+b+c)

=@

10%

1070.84

Cost for 30.50 m = a+b+c+d

Rate per m = (a+b+c+d)/30.50

35.11

e) Carriage

150 mm long nails

Bamboo of 62 mm to 75 mm dia

Kg

0.016

0.42

0.01

M

1.00

3.47

105.8

M

141.0

FINISHED RATE

[Signature]
04/12/21
J.E.

[Signature]
04/12/21
N