Inspection Report for Flood Damage work

Date:-

1 Name of PIUS: - ER. RAM RATAN RAM LEE RWD WORKS DZV UDAKISHUNGANJ)

2 Name of Block:- CHAUSA.

3 Name of Road: KHOPARIYA TOLA LAUALAWAN TO BABA BISHURAWAT

ASTHAM.

A. For Road

1 Damage Location/Chainage: In Between 0.800Km to 880Km.

2 Damage Length :-

0.045 KM.

3 Nature of damage :-

Flank, shoulder.

4 Details of Restoration Works :-

i Material being used in Restortion works:- Benuber , Ble bags .

ii Equipments/Tools being used in Restoration works:

iii Procedure taken up in Restoration works:-

iv Restored Length:-

0.045Km.

B. For Bridge

1 Damage Location/Chainage:-

2 Damage Length :-

3 Nature of damage :-

N.A.

4 Details of Restoration Works :-

i Material being used in Restortion works:-

ii Equipments/Took being used in Restoration works :-

iii Procedure taken up in Restoration works :-

iv Restored Length:-

72411121 -JE

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COMPT TO SERVICE STATE OF THE SERVICE STATE OF THE

check and found satisfactory.

Signature (Name of inspector)



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

BIHAR RURAL ROADS PROJECT

Bihar Rural Development Agency (BRRDA)

Head :- F.D.R.

YEAR (2021-22)

STATE DICTRICT BLOCK DIVISION BIHAR MADHEPURA CHAUSA UDAKISHANGANJ

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM KHOPARIYA TOLA LAUALAGAN TO BABA BISHURAWAT ASTHAN

Actual Length of Road	=	0.880 Km
Flood affected Length of Road	=	0.045 Km
TOTAL COST OF PAVEMENT	Rs	6,24,997.67
TOTAL PROJECT COST	Rs	6,24,997.67

Submitted By: Executive Engineer RWD (W) Division,Udakishanganj Prepared By: Executive Engineer RWD (W) Division, Udakishanganj

अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। पत्रांक प्रश्री अनु ठ

प्रेषक,

ई0 खलीकुज्जमा, अधीक्षण अभियंता,

सेवा में,

नोडल पदाधिकारी, F.D.R, कोषांग, ग्रामीण कार्य विभाग, बिहार, पटना।

मधेपुरा, दिनांक 20/04/2023

विषय:

ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशुनगंज के अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथांशों का अस्थाई पुनर्स्थापन कार्य का प्राक्कलन के प्रशासनिक अनुमोदन प्रदान करने के संबंध में।

प्रसंग :

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, **उदािकशुनगंज** का पत्रांक **722** अनु0, दिनांक **12.04.2022** एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-मु0अ०-4(मु0)विविध(कार्य)23–291/2019–**4849** पटना, दिनांक **07.12.2021**

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, उदािकशुनगंज अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से क्षतिग्रस्त पथांशों का अस्थाई पुनर्स्थापन कार्य का डी०पी०आर० एक-एक प्रति में तकनीकी स्वीकृति प्रदान कर प्रशासनिक अनुमोदन हेतु समर्पित की जाती है। जिसकी विवरणी निम्नवत है।

क्र0	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
1.	Alamnagar	L025-T-05 SONAMUKHI to MURAUT (VR12)	0.050	20.23962
2.	Alamnagar	L034-T-05 CHUBATUA GANGAPUR TO HARJORAGHT (VR20)	0.097	28.17067
3.	Alamnagar	L035-T-05 BHARSO TOLA TO KACHAHARI TOLA (VR21)	0.210	17.67956
4.	Alamnagar	Construction of road from Alamnagar SonaMukhi kakpsila with five years maintainance with 2 no. H.L bridge.	0.300	34.63060
5.	Alamnagar	Construction of road from Alamnagar fullaut road with five year maintenance with 2 nos. of H.L bridges.	0.072	6.02269
6.	Bihariganj	S01school Ke Nikat Se to Vairaw Patti	0.087	7.01604

P.T.O.

丣0	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
7.	Chausa	Construction of road from Dhaneshpur to morsanda with five years maintenance.	0.082	5.27416
8.	Chausa	Adhik Mandal Parbatta Bsabitti Ke Nikat To Sripurbasa PCC via Parbatta	0.146	5.74302
9.	Chausa	Khoparia Tola Lowalagan To baba bishuraut Sthan	0.045	6.24997
10.	Chausa	L036-T01 TO SHABA TOLA (VR11)	0.733	20.33275
11.	Gwalpara	Resna PMGSY Path To Kamalpur	0.136	7.15886
12.	Gwalpara	Baliya Basa REO Road To Amauja	0.060	11.57017
13.	Gwalpara	L036-Gwalpara to biswari (VR7)	0.181	9.01073
14.	Chausa	Construction of H.L Bridge Over Bariyari Dhar Sapni Fulaut Pandahi Path.	0.075	7.41311
15.	Puraini	Durga PMGSY Path Paina via Durgapur Goth Chhoti Badhona	0.142	20.25279
16.	Puraini	Kherho paschim Tola PMGSY Path To Dhaneshpur Via Goth Kherho	0.020	2.94972
17.	Udakishanganj	Construction of road from Kishanganj to Biriranpal with five years maintenance	0.110	8.49447
18.	Udakishanganj	L044-T04NH106UDA TO TINTANGA (VR31)	0.024	5.66868
19.	Udakishanganj	NH106 hareli to ramesh yadav ke ghar hotehu wevidyanand jha ke ghar ke aage Rampur khorha PWD road tak	0.099	5.06052
20.	Udakishanganj	Laxmipur - Majaura	0.483	11.09571

अनु0:-प्राक्कलन एक-एक प्रति में।

विश्वासभाजन,

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION

OF ROAD FROM KHOPARIYA TOLA LAUALAGAN TO

NAME OF ROAD :-BABA BISHURAWAT ASTHAN

> DIVISION :-**UDAKISHANGANJ**

BLOCK: CHAUSA

Actual Length of Road :- 0.880 Km

Flood Affected Length of Road :- 0.045 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	5,47,851.23
2	Add:-Labour Cess @1% amt. =	5,478.51
3	Add:GST@12% on amt. =	65,742.15
4	Add:S.F.@ 10% on Material (Brick Bats) =	5,925.78
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	6,24,997.67

Junior Engineer RWD (W) Division, Udakishanganj Assistant Engineer

RWD (W) Division, Udakishanganj RWD (W) Division, Udakishanganj

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Technically sanctioned too DS 6,24997.00
(Ds Six lacs twenty tour thousand nine hundred ninety seven) only.

20/04/102L

Estimating Officer Rural Work Department Work Circle, Madhepura 11 /20/04/22

Firal Works Department
Circle, Madhepura

प्रतिवेदन

पथ का नाम :- रनीपहिंचां होता लीसालगां से व्यावा विश्रास्त्रेरपान

प्रखंड :- न्दीशा

जिला :- मधेपुरा

पथ की कुल लंबाई :- 0.880 कि भी

प्रस्तुत प्राक्कलन मोo— <u>६,24</u> लाख का वर्ष 2021 में आयी बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों को मानक अवस्था में लाने हेतु विभागीय पत्रांक—मु०अ०—4(मु०) विविध (कार्य)—23—291/2019 4275 पटना, दिनांक—22.10.2021 एवं पत्रांक— मु०अ०—4(मु०) विविध (कार्य) 23—291/2019 4589 पटना, दिनांक—13.11.2021 के द्वारा दिये गये निर्देश का अनुपालन कर ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदािकशुनगंज के अधीन स्वीकृत प्राक्कलन के दर पर तैयार की गई है।

कनीय अभियंता, ग्रामीण कार्य विभाग, सहायक अभियंता, ग्रामीण कार्य विभाग, कार्य अवर प्रमंडल, कार्यपालक अभियंता ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशुनगंज।

Schedule of Quantity

NAME OF ROAD :- FROM KHOPARIYA TOLA LAUALAGAN TO BABA BISHURAWAT $$_{\rm BLOCK}$$:- ASTHAN

CHAUSA

S.No	SOR NO	OF ITEMS DESRIPTION	QTY	UNIT	RATE	AMOUNT
1	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	0.00	Cum	582.71	0.00
2	A/R	Providing & laying Brick Bat				
		Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the direction of engineer in charge.	0.00	Cum	1922.87	0.00
3	5.7.7	Labour for cutting 62mm to 75 mm dia bamboo piles to size and making shoes and driving etc. complete job as per specification and direction of E/I	1088.25	m	45.86	49912.50
4	5.7.8	Labour for fitting and fixing Split bamboo woven chachari in position with 20 swg G.I wire or 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	0.00	sqm	78.20	0.00
5	5.7.9	Labour for fitting and fixing 75 mm dia bamboo runners in position at every vertical pole with 150 mm long nails or 38 swg G.l. wire including cost of G.l wire or nails complete job as per specification and direction of E/I	230.00	m	5.31	1220.60
6		Supply of Bamboo at site.	220.00	nos.	188.39	41444.97
7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	12287.00	nos.	37.05	455273.16
8	4	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	0.00	Cum	3128.33	0.00
9	9.3	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Dia).	0.00	m	4046.57	0.00
		Total			Rs.	547851.23

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0.000			0						
0.000	Cum)	Total (in	<u> </u>		m dia bamba	62mm to 75 m	cutting 6	Labour for	Item No. 3
	and	iking shoes a	size and ma	o piles to s	pecification	ete job as per	c. complet	driving etc.	
585.000	3.25		30	3	2				
183.000	3.05		10	3	2				
292.500 27.750	3.25 1.85		15 5	3	1				
1088.250		Total (in m)	1		oilling 1.25m	For Bamboo	F		
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	cal pole	or nails com	of G Lwire	oo runners	m dia bambi	nd fixing 75 n nails or 38 sw	r titting an nm long n	with 150 m	Item No. 5
	piete	or rians com	OI G.I WIIE	adding cost	tion of E/I	ation and direc	specifica	job as per	
120.00			30	2	2				
			10	2	2				
40.00					2				
60.00			15 5	2	1				
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22/11/200

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Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM KHOPARIYA TOLA

NAME OF ROAD :- LAUALAGAN TO BABA BISHURAWAT ASTHAN

BLOCK :- CHAUSA

S.No	SOR NO	OF ITEMS DESRIPTION	QTY	UNIT	RATE	AMOUN
1/1	12.3	Sand Filling in Foundation Trenches as per Drawing & Technical Specification.				
		Sand	0.00	Cum	141.85	0.00
2/2	A/R	Providing & laying Brick Bat	0.00		1	
		Providing and laying of Brick bat obtained from chimney with machenical means with all spreading, grading to required slope and compacted at OMC to acheive required density with all complete as per the				
		direction of engineer in charge.	1			
		Brick Bats	0.00	Cum	1032.00	0.00
3/7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutli and EC bag etc. all complete as per approved desing, specification and direction of E/I	0.00	Cum	1032.00	0.00
		Sand	417.75	Cum	141.85	59257.84
4/9	5.7.40.2	Labour for filling empty cement bags with loocal sand, stitching the bags and placing in Nylon crate of size (1 m x 1 m x 1 m) with lead of 150 M including supply of sutli etc. at site in dry portion all complete as per approved design, specification and direction of E/I				. 1
		Sand	0.00	Cum	141.85	0.00
5/10	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.				
		For Grading I Material (with Coarse Sand Screening)				
		Unit = Cum				
		Taking output = 300 cum				
		Coarse graded granular sub-base material as per Table 400.2				
		53 mm to 9.5mm @ 50 percent	180.00	Cum	516.42	92955.60
		9.5 mm to 2.36 mm @ 20 percent	72.00	Cum	411.33	29615.76
		2.36 mm below @ 30 percent (coarse Sand Screening)	108.00	Cum	185.94	20081.52
		The state of the s				142652.88
		Cost for 300 cum = a		Cum		475.51
		Rate psr Cum = (a)/300	0.00	Cum	475.51	0.00
						0.00
		GSB Gr-I			TOTAL	59257.84
		Seigniorage Fees @10% of Basic Amount			Say	5925.78

AMIN'21-

22111201 AE (53S) IN

51			Analysis of Rate		T		Amount
Na.	SOR No.		Description	Unit	Qty	Rate(Ra.)	ALCOLO
YOL	1 1400		Carriage of materials (By Tractor)		2182		
1	1.4	Cost of H	aulage excluding Loading & Unloading				
-	RCD	Haulage o	materials by Tractor excluding cost of loading, unloading and stacking.				
_		Unit = t.k	m T T	T			
		Taking ou	tput 3.60 Torme load and lead 10 km = 36.0 t.km				
_			urfaced Road hold 10 km = 36.0 t.km	-	+-		
_		Speed wh	ile returning empty: 25 km per hour	-	+		-
		4)	Machinery				
_			Tractor 3.6 t capacity		1000	591.40	39
			Time taken for onwards haulage with load Time taken for empty return trip	hour	0.667	591.40	23
_			Total				63
-			Add OH卷12%				70
			Rate per Ton.km	-	-		1
		Case-II: U	Insurfaced Gravel Road	+			
_	-	Speed wit	th load: 12 km/hour				
-		a)	empty return trip: 20 km/hour Machinery		_		
			Tractor 3.6 t capacity	+	-		
			Time taken for onwards haulage with load	hour	0.833	591.40	497
_	-		Time taken for empty return trip	hour	0.500	591.40	295
_			Total Add OH@12%	-	-		788
			Aud On wizh				882
		1	Rate per Ton.km				24
		(c)	Case-III: Katcha Track and Track in River Bed/Nallah Bed and Choe Bed				
_			Speed with load: 10 km / hour				
_			Speed with returning empty: 15 km / hour	+			
			(a) Machinery				
_			Tipper 10 tonnes or 5.5 cum capacity	hour	1.000 0.667	591.40 591.40	591. 394.
-			Time taken for empty return trip Total	nour	0.607	371.40	985.
			Add OH@12%				118.
			Cost for 36.0 t.km =a+b	-	-		1,104.
_	-		Rate per Ton.km	-			
-							
		Labour fo	or laying Brick bats /dry graded jhama khoa or stone filter under Brick P	itching or	Boulder	oitching in slo	pe or apro
1	6.6.1.	including	light ramming etc. all complete job as per approved design, specification	itching or	Boulder p	oitching in sle	ope or apro
1	6.6.1. WRD	including Unit = Per	light ramming etc. all complete job as per approved design, specification : Cum	itching or and direction	Boulder p on of E/I	pitching in slo	ope or apro
2		including Unit = Per	light ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum	itching or and direction	on of E/I		
2		including Unit = Per	light ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum Labour Mazdoor (Unskilled)	itching or and direction	Boulder pon of E/I	287.00	861.0
2		including Unit = Per	Hight ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum a) Labour Mazdoor (Unskilled) b) Overheads @ 12% on (a)	and direction	on of E/I		861.0 103.
1		including Unit = Per	light ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum a) Labour Mazdoor (Unskilled) b) Overheads @ 12% on (a) Rate for 2.832 Cum	and direction	on of E/I		861.0 103. 964.
1		including Unit = Per Taking ou	Hight ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum a) Labour Mazdoor (Unskilled) b) Overheads @ 12% on (a) Rate for 2.832 Cum Rate Per Cum	Nos	3.00	287.00	861.0 103. 964.
	WRD	including Unit = Per Taking ou	Hight ramming etc. all complete job as per approved design, specification : Cum tput= 2.832 Cum a) Labour Mazdoor (Unskilled) b) Overheads @ 12% on (a) Rate for 2.832 Cum Rate Per Cum	Nos	3.00	287.00	861.0 103. 964
1	WRD	including Unit = Per Taking ou	light ramming etc. all complete job as per approved design, specification of the complete job as per approved design of the complete job as per appro	Nos	3.00	287.00	861.0 103. 964
	WRD	including Unit = Per Taking ou Loading a	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design of t	Nos	3.00	287.00	861.0 103. 964
	WRD	including Unit = Per Taking ou Loading a Unit = Per Taking ou	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of complete job as per approved design of complete	Nos Brick Bats	3.00	287.00	861.0 103. 964.
	WRD	including Unit = Per Taking ou Loading a	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of complete job as per approved design of complete	Nos Brick Bats	3.00	287.00	861.0 103.9 964.340.
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time regi	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design of the c	Nos Brick Bats	3.00 and Sand	287.00	861.0 103. 964
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design of the c	Nos Brick Bats	3.00	287.00	861.0 103. 964
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved (Unskilled) Description of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design, specification of the complete job as per approved design of	Nos Brick Bats	3.00 and Sand	287.00	861.0 103. 964
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg	Hight ramming etc. all complete job as per approved design, specification of the complete job as per approved design of the c	Nos Brick Bats day	3.00 and Sand T Min 5Min OMin	287.00	861.0 103. 964.
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	Ilight ramming etc. all complete job as per approved design, specification of the complete job as per approved design of the complete job as	Nos Nos Brick Bats day day	3.00 and Sand I Min SMin OMin OMin	287.00	861.0 103.9 964 340
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time regii	Ilight ramming etc. all complete job as per approved design, specification of the complete co	Nos Brick Bats day	3.00 and Sand I Min SMin OMin	287.00	861.0 103.9 964 340.
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	Ilight ramming etc. all complete job as per approved design, specification is tout = 2.832 Cum a) Labour Mazdoor (Unskilled)	Nos Nos Brick Bats day day hour	3.00 and Sand I Mia SMin OMin OMin OMin 0.03	287.00 etc.	861.0 103. 964. 340.
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	light ramming etc. all complete job as per approved design, specification of the count of the co	Nos Brick Bata day day	3.00 and Sand I Mia SMin OMin OMin 0.03 0.72	287.00 letc. 305.00 287.00	9.1 206.0 59.1
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	light ramming etc. all complete job as per approved design, specification of the count of the co	Nos Nos Brick Bats day day hour	3.00 and Sand I Mia SMin OMin OMin OMin 0.03	287.00 etc.	9.1 206.0 59.1 116.4
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	Ilight ramming etc. all complete job as per approved design, specification is tout = 2.832 Cum a	Nos Brick Bata day day Hour	3.00 and Sand I Mia SMin OMin OMin 0.03 0.72	287.00 letc. 305.00 287.00	9.3 206.6 391.3
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	light ramming etc. all complete job as per approved design, specification of the count of the co	Nos Brick Bata day day Hour	3.00 and Sand I Mia SMin OMin OMin 0.03 0.72	287.00 letc. 305.00 287.00	9.1 206.0 59.1 116.4
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	Ilight ramming etc. all complete job as per approved design, specification is tout = 2.832 Cum a	Nos Brick Bata day day Hour	3.00 and Sand I Mia SMin OMin OMin 0.03 0.72	287.00 letc. 305.00 287.00	861.0 103.964 340.
	WRD	Loading a Unit = Per Taking ou Loading a Unit = Per Taking ou Time reg ii N)	light ramming etc. all complete job as per approved design, specification of the count of the co	Nos Brick Bata day day Hour	3.00 and Sand I Mia SMin OMin OMin 0.03 0.72	287.00 letc. 305.00 287.00	9.1 206.6 59.1 116.4 391.3 46.9

	SOR No.				Description	Uni	t Qty	y Rate(Rs.)	Amoun
-		1100	Lavine Rei						
4	93		irk moune f	nrowed Ceme itxl Laying Rei ixing collar wit lls and parapet	Interprete Pipe NP3 as per design in Single Row . Inforced cement concrete pipe NP3 for culverts on first class the cement mortar 1:2 but excluding excavation, protection was a second control of the cement mortar 1:2 but excluding excavation, protection was a second control of the cement mortar 1:2 but excluding excavation, protection was a second control of the cement c	s bedding o	of granul	ar material in oncrete and m	single rov asonry wo
-					1000 mm dia Hume Pipe			T	Γ
一					Unit=m	_	_		
- 1					Taking Output=7.5 m		+		
-					(3 pipes of 2.5 m lengthg each)	1			
-				a	Material	-			
+					Sand at site	+	0.0	4 2,950.27	1
+	-				Cement at site	cum			17
+		-			RCC pipe NP3 pipe includsing coller at site	ton	0.0		26,10
+	-			ь	Labour Labour	m	7.5	0 3,481.28	20,10
+	-				Mate		-	1	2
+					Mason (1 class)	day	0.09		9
+		-			Mazdoor(Unskilled)	day	0.23		
+					(Olskilled)	day	2.00	287.00	57
+					Allona				27,09
+					Add OH@12%			1	3,25
+					Carl Tax				30,349
					Cost for 7.50 m =				30,349
T					Rate per M≖	1			4,046
1			Providing	and laving of		1			
1	\dashv	-	and compac	ted at OMC to	orick bats obtained from chimney with machnical means w a achieve required density with all completed as per directi	ih all sprea	iding gra	dding to requi	ired slope
1				a)	Taking out put=100 cum				
T			100						
	1	- 1			Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)	day	1.00	322.27	322.
+		-		b)					
+	-			0)	Materials				
					Bricks Bats -Basic Rate Taken From RCD S.O.R. Schedule-				
+	\rightarrow	-			M:11-5(ii) dt25.02.2021	Cum	1	1032.00	1032.
1					Overheads @12% on (b)				123.
1					Add:Carriage Charge for Brick bats				75551050
T					Total Cost				444.3
1					NET TOTAL COST PER CUM	-	-		1,922.8
1					SAY Rs	-			1,922.8
\top		-					$\overline{}$		1,922.8
+		1	abour for c	utting 62 mm	to 75 mm dia sal bamboo piles to size and making shoes an	d driving	etc compl	laba iaba as man	
				and direction			recompi	ete jou as per	
	5.7.7		La constitución de la constitución	Amatonia ilike besembain	Unit :- Per M				
1					CHIC. ICI M				
-	WRD				Tables Out put- 30 50 Mtr				
				(Asm	Taking Out put: 30.50 Mtr				
-				(Assu	ming 20 nos. pile sunk 1.525 mtr deep)				
					Taking Out put:- 30.50 Mtr ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter				
		(a)	(Assu Labour	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter	Nos	100	388.00	288.00
		(a	0)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II	Nos Nos	1.00	388.00	
		(a	0)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter	Nos Nos	1.00	388.00 287.00	861.00
		(a)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling				861.00 1,249.00
		(a)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II				861.00 1,249.00 149.88
		(a	9)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling				861.00 1,249.00 149.88 1,398.88
		(a	9)		ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling				861.00 1,249.00 149.88 1,398.88
				Labour	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12%	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 1.398.88 45.86
				Labour	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 1.398.88 45.86
	WRD			Labour	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12%	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr	oviding fitt	Labour ting and fixing including cost	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30,50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	Labour ting and fixing including cost	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M split bamboo woven chachari in position with 20 swg G.l. w of G.l. wire3.15 mm dia or nails complete job as per specific	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	Labour ting and fixing including cost	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M split bamboo woven chachari in position with 20 swg G.l. w of G.l. wire3.15 mm dia or nails complete job as per specific 5 = 9.30 sqm	Nos	3.00	287.00	861.00 1.249.00 149.88 1.398.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost tries 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M split bamboo woven chacharl in position with 20 swg G.J. w of G.I. wire3.15 mm dia or nails complete job as per specific	Nos	3.00	287.00	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M split bamboo woven chachari in position with 20 swg G.I. word G.I. wire3.15 mm dia or nails complete job as per specific 5 = 9.30 sqm.) Material Material Material	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling Overheads @ 12% Rate Per M split bamboo woven chachari in position with 20 swg G.l. w of G.l. wire3.15 mm dia or nails complete job as per specific 5 = 9.30 sqm Material 75 mm to 100mm long nail 75 mm to 100mm long nail	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II Unskilled mazdoor for pilling	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
5.1	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos	3.00 om to 100 direction	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos	3.00	287.00 mm long nails of E / 1.	861.00 1.249.00 149.88 1.395.58 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos ire or 75 m cation and	3.00 om to 100 direction 0.25	287.00 mm long nails of E / I.	861.00 1.249.00 149.88 1.398.88 45.86
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost 2 at: 9.30 Sqm rip of 3.05x3.0 a 1 2	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos ire or 75 m ation and o	3.00 om to 100 direction 0.25 30 1.00	287.00 mm long nails of E / 1.	13.96 4245 345.00
	WRD	Pr al	oviding fitt ternatively nit :- Per M2	ting and fixing including cost at: 9.30 Sqm rip of 3.05x3.0	ming 20 nos. pile sunk 1.525 mtr deep.) Total depth sunk 30.50 meter Carpenter Gr II	Nos ire or 75 m ation and	3.00 om to 100 direction 0.25	287.00 mm long nails of E / I.	861.00 1.249.00 149.88 1.398.88 45.86

No.	No.	+			Description	Unit	Qty	Rate(Ra.)	Amous
_		4			Overheads @ 12% on labour charge (345.00+287.00)	\dashv	\top	40	
		<u> </u>		-			+-	+	4,9
					Rate Per M2	_	+		1
			Labour for	fitting and fi	king split bamboo nwoven chachari in position with 20 swi				
8	5.7.8		alternative	ly including	king split bamboo nwoven chachari in position with 20 swi cost of G.I. wire3.15 mm dia or nalls offication and discort	G.I. wire or	75 mm t	o 100 mm lor	ng nails
		1_		as het 2b6	cost of G.I. wire3.15 mm dia or nails cification and direction of E / I.				
_	WRD	+	Unit :- Per	M2	TOTAL CONTROL OF THE				
_		+-	(Assuming	put:- 9.30 Sq	m		_		-
_			1	(a)	m (3.05 = 9.30 sqm)		-	-	-
				1	Material		+		
	70720	-		(b)	G.I. wire3.15 mm dia	Kg	0.250	69.30	
_		+	+		Carpenter Gr II				
\dashv		_		-	Unskilled mazdoor for pilling	Nos	1.00	345.00	3
7				-		Nos	1.00	287.00	6
					Overheads @ 12%			-	
									72
-		-			Rate Per M2				72
-		-	lab 1						7
			Labour for	fitting and fi	xing 62mm to 75 mm dia bamboo runners in position at ew of G.I. wire or nails complete job as per specification and di				
	WRD		Unit :- Per N						
-		_		(a)	Materials		-		
4		_			Cost of 150 mm long nails	Kg	0.50	55.84	27
+			-	(b)	Labour	18	0.50	33.64	- 41
+			+		Carpenter Gr II	Nos	0.13	345.00	44
7					Unskilled mazdoor for pilling	Nos	0.25	287.00	71
1					Overheads @ 12%				144
					- T.	_			161
1									161.
+					Rate Per M				5.
+			Supplying b	amboo 75 m	nm dia 6 m to 8 m long atcomplete job as per speci	(Fastion and d		1511	
1			Supplying i	1000 7511	ini dia 6 in to 6 in long at complete job as per spec	ilication and d	irection	OT E / I.	
1					Taking Out put:- 115 nos		T	T	
				(a)	Material				
					Supplying bamboo 75 mm dia 6 m to	Nos	115	162.70	***
+			1		8 m long (Cost of bamboo) Add:Carriage Charge for Bamboo		113	162.70	18,710.
+					Add Labour for laying Bamboo				340.5
+									19,343.
+			-		Overheads @ 12%				2,321.
+			1			-	-		21,664
I						-	\neg		21,664.
I					Rate Per each Bamboo				
+					ement bags with local sand, stiching the bags and placing	including supp	ly of sutl	i etc. all comp	lete as per
			Labour for fi	lling empty	entions and direction of E/I				
1	5.7.40.1		approved de	sign, specific	agors dive				
T	VRD		Unit :- Per %	0.05					
1	1110		Taking Out p	ut:- 100 nos	11	Nos			
T			Taking Out F		Supplying of Sand bags	NOS	100	8.46	846.
	1	(a)			(Cost of sand and Empty cement bag)				
					Carraige cost for Local sand	cum	3.4	299.25	1017.4
T					(100 no. of Bags=100x0.034m3			Total	1003.4
								207	574.0
1		(b)	For filling & s	stiching & str	acking	Nos	2	287	5/4.0
-			(a) Unskilled	mazdoor for	filling sand into bags	Kg	0.5	19.75	9.8
-							-	Total	583.8
1			and sewing				- 1	1	
			and sewing (b) Sutali			1	- 1	1343	
			and sewing (b) Sutali	Cardon B	Placing to work site of		\dashv		en e
		(c)	and sewing (b) Sutali	for Carring &	Placing to work site of	Nos	3	287	861.0
		(c)	and sewing (b) Sutali	for Carring &	Placing to work site of carring filled bags and placing to work site	Nos	3	287	861.0

SI No.	SOR No.		Description	Unit	Qty	Rate(Rs.)	Amount (Rs
			Add overhead chrage @12%		-		397
		-			-		3705
		-	Total Net Rs.		-		3705
_			Rate per %				37
_			Sand Each Bag		<u> </u>		
_						Say	Rs 37
_	5.7.40.2		Labour for filling empty company				
12	WRD SOR Page 159		Labour for filling empty cement bags with loocal sand, stitching the bags of 150 M including supply of sutli etc. at site in dry portion all complete a	and placing in Nylon crate as per approved design, sp	e of size (ecification	1 m x 1 m x : on and direct	ion of E/I
7			Unit :- Each N.C				
7			Taking Out Put = 25 nos. filled E.C. Bags in each N/C				
7			Cost of 25 pose of 611				*
\dashv			Cost of 25 nos of filled E.C.Bags (Vide item no. 5.7.40.1	Nos	25	37.05	926.
\dashv			rate each				926.
13			Supply of Nylon Crate of size 1mx1mx1m				
7			Material			39.85	. 39.
		(a)	Nylon Crate				
		(b)	Add Overhead charge @12%				39.
7	1		Total (a+b)				4.
+							44.
+			Rate per nos.		_		44.
14	11.2		Sand filling in Foundation Trenches as per Drawing & Technical Specific	ation			
1			Unit = Per Cum		- T		
		а	Material		-+	+	
1			Sand(assuming 20 persent voids)	cum	1.20	141.85	170.2
		b	Labour				
			Mate	day	0.01	305.00	3.0
			Mazdoor(Unskilled)	day	0.3	287.00	86.1
							259.3
			Add overhead chrage @12%		_		31.124
				1			290.49
			total=				290.4
			Carraige cost for Local sand				292.2
							582.7