अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। प्रांक_623___/१९४०

प्रयक्त,

ई0 खलीकुज्जमा, अधीक्षण अभियंता,

सेवा में.

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

मधेपुरा, दिनांक 21.05.22/

दिषय :

ग्रामीण कार्य विमाग, कार्य प्रमंडल, मधेपुरा के अन्तर्गत शीर्ष FDR (वित्तीय वर्ष 2021-22) योजना का बाढ़ से अतिग्रस्त प्रथांशों का अस्थाई पुनर्स्थापन कार्य का प्राक्कलन के प्रशासनिक अनुमोदन प्रदान करने के संबंध में।

प्रसंग :

कार्यपालक अभियंता, ग्राम् न कार्य विमान, कार्य प्रमंडल, मधेपुरा का पत्रांक !7.2/... अनु०, दिनांक 1915/22 ;वं अभियंता प्रमुख, ग्रामीण कार्य विमान, बिहार, पटना का पत्रांक मु०३०-4(नु०)विदिय(कार्य 23-291/2019-4849 पटना, दिनांक 07.12.2021

नहाराय,

उपर्युक्त विषयक प्रसांगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, मधेपुरा अन्तर्गत शीर्ष FDR (क्तिय वर्ष 2021-22) योजना का बाढ़ ने क्षतिग्रस्त प्रथांशों का अस्थाई पुनर्स्थापन कार्य का डी०पी०आर० एक—एक प्रति में तकनीकी स्वीकृति प्रदा= कर प्रशासनिक अनुमोदन हेतु समर्पित की जाती है। जिसकी विदर्णी निन्नवत है।

-			क्षतिग्रस्त	
20	प्रखंड	योजना का नाम	भाग की	तकनीकी स्वीकृति
		والمارية المارية	लम्बाई	की राशि (Lakh)
- 1			(KM)	
1.	Singheshwar	NH 106 Nariyal Vikash Board To Sukhasan	0.04	1.63597
2.	Singheshwar	Budhawe To Latrahi	0.269	7.93050
3.	Singheshwar.	Singheshwar Birali Belari Road	1.662	34.42555
4.	Singheshwar	Barhari NH 106 Se Babhani Path Mahuli	0.858	15.23901
5.	Gamhariya	Jagir To Singhiyan	0.033	13.02978
6.	Kumarkhand	Kumarkhand To jaduapatti	0.258	
7.	Kumarkhand	Kumarkhand To Ramganj		9.27227
8.	Kumarkhand	Kumarkhand Rauta Tengraha	0.354	23.03287
			0.077	1.54242
9.	Kumarkhand	NH 106 To Rauta Bridge Via Berali Ranipatti	0.180	5.16275
10.	Kumarkhand	Tikuliya hat To Laxmipur Bhagwati Vishwa Bank Path	0.315	5.29505
11.	Kumarkhand	Kumarkhand Israinkala Jorawarganj	7,	
-		i si dilikala jurawarganj	0.501	11.30913

P.T.O.

	4 - 5			V 1
क्र0	प्रखंड	योजना का ताम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
12.	Kumarkhand	Ratanpatti Sadak Korlahi To Kewatgama Chowk	0.231	3.00461
13.	Kumarkhand	Madhuban to Gopipur	0.173	2.08435
14.	Kumarkhand	PMGSY Sadak Kankar To Semarahi	0.421	6.75308
15.	Murliganj	Murliganj NH 107 To Pakilpar (Harpur)	1.016	23.65990
16.	Murliganj	Belo Chamgadh Se Chatra Kantahi	0.910	27.52292
17:	Shankarpur	Sonbarsa To Shankarpur	. : 0.361	4.57169
18.	Kumarkhand	Baisarh To Bhairopur	0.057	0.23201
19.	Kumarkhand	Tikuliya Bhatani Bhokaraha Samarpan School Tengraha Mandir Via Basantpur Durga Mandir PMGSY Road	0.673	14.56602
20.	Murliganj	Middle School Rajani PWD Road To Pratap Nagar	0.030	0.80131

21. Murliganj Jorgama Banchayat me Surhila Den 0.022. Ke Ghaz se MMGSY Path Hanuman Mandin विश्वासमाजन, अनु0:—प्राक्कलन एक-एक प्रति में।

अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल,



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 KUMARKHAND MADHEPURA

DETAILED ESTIMATE FOR TEMPRORY RESTORATION OF ROAD FROM KUMARKHAND TO JADUAPATTI

Flood affected Length of Road	=	0.258 Km 🗸 .
TOTAL COST OF PAVEMENT	Rs	9,27,227.03
TOTAL PROJECT COST	Rs	9,27,227.03

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

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMATE FOR TEMPRORY RESTORATION OF ROAD FROM KUMARKHAND TO JADUAPATTI

NAME OF ROAD :-

DIVISION :- MADHEPURA

BLOCK:- KUMARKHAND

Flood Affected Length of Road :- 0.258 Km

Sr.	Description	Amount (In Rs.)
No.	Total Cost of Restoration=	8,10,135.37
2	Add:-Labour Cess @1% amt. =	8,101.35
3	Add:GST@12% on amt. =	97,216.24
4	Add:S.F.@ 10% on Material (Brick Bats) =	11,774.07
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	9,27,227.03

Say 7,27,227.00/

Junior Engineer RWD (W) Division,Madhepura Assistant Engineer
RWD (W) Division, Madhepura

Executive Engineer
RWD (W) Division, Madhepura

13no:-25 dated 2010年1222 1月15-月0310-11(月0) 台田 年 (日間) 23-291 2019, 42/19 日前ち-07/12/2021

Technically Sanctioned for Z 9,27,227.00/- (i.e Mine (als twenty Seven thousand two hundred twenty seven only)

Walter 2012

Estimating Officer
Rural Work Department
Work Circle, Madhepura

N /2/0422

Superintending Engineer Rural Works Department Works Circle, Madhepura

अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। पत्रांक................../

प्रेषक,

ई0 खलीकुज्जमा, अधीक्षण अभियंता,

सेवा में,

कार्यपालक अभियंता, ग्रामीण कार्य विभाग.

कार्य प्रमंडल, मधेपुरा/उदाकिशनगंज/सुपौल/वीरपुर/त्रिवेणीगंज।

मधेपुरा, दिनांक <u>13.11.21</u>__/

विषय :

वर्ष 2021 के बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पथों का निरीक्षण एवं जॉच के संबंध

में।

प्रसंग :

सचिव, ग्रामीण कार्य विमाग, बिहार, पटना के पत्रांक-मु0अ0-4(मु0) विविध

(कार्य)-23-40/2016-2789 पटना, दिनांक 21.08.2020एवं विमागीय

Whatsapp ग्रुप में प्राप्त निदेश।

महाशय,

निदेशानुसार उपर्युक्त विषय के संबंध में कहना है कि वर्ष 2021 में बाढ़ एवं अतिवृष्टि से क्षतिग्रस्त पर्थों का शत-प्रतिशत निरीक्षण एवं जॉच असम्बद्ध कार्यपालक अभियंता के स्तर से किया जाना है। इस संबंध में मधेपुरा अंचल अन्तर्गत विभिन्न प्रमंडलों के क्षतिग्रस्त पर्थों

के निरीक्षण हेत निम्नानसार कार्यपालक अभियंताओं को प्राधिकृत किया जाता है।

क्रमांक	प्रमंडल का नाम	निरीक्षण एवं जॉच हेतु प्राधिकृत पदाधिकारी
. 1.	कार्य प्रमंडल, मधेपुरा।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर।
2.	कार्य प्रमंडल, उदाकिशुनगंज।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मघेपुरा।
3.	कार्य प्रमंडल, सुपौल।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, वीरपुर।
4.	कार्य प्रमंडल, त्रिवेणीगंज।	कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, उदाकिशुनगंज।
5.	कार्य प्रमंडल, वीरपुर।	कार्यपालक अभियंता, ग्रामीण कार्य विमाग, कार्य प्रमंडल, उदाकिशुनगंज।

तदनुसार निदेश दिया जाता है कि अपने अपने आवंटित प्रमंडल के क्षतिग्रस्त पथों का निरीक्षण कर विभागीय विहित प्रपन्न में दिनांक 25.11.2021 तक जॉच प्रतिवेदन तैयार कर विभाग को ससमय समर्पित करते हुए अधोहस्ताक्षरी को भी सूचित करेंगे।

सचनार्थ प्रेषित।

विश्वासंगाजन,

अधीक्षण अभियंता,

ग्रामीण कार्य विमाग, कार्य अंचल,

मधेपुरा।

-:तकनीकी प्रतिवेदन:--

अंचल का नाम:— मधेपुरा।
योजना शिर्ष:— 3054 एफ.डी.आर.
पथ का नाम:— कुमारखण्ड से जदुआपट्टी पथ।
पथ की लम्बाई:— 3.00 कि.मी.
निर्मित/निर्माणाधीन पथ का शीर्ष:— प्रधानमंत्री ग्राम सड़क योजना
प्राक्कलित राशि:— रू० 9.27227 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याशित अतिवृष्टि एवं बाढ़ के कारण कुमारखण्ड से जदुआपट्टी पथ में हुए क्षिति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मित एवं यातायात पूनर्बहाल करने हेतु शीर्ष 3054 एफ.डी.आर. मद से सचिव, ग्रामीण कार्य विभाग/उच्चाधिकारियों के द्वारा दिये गये निर्देश के अनुपालन में तैयार किया गया है।

प्राक्कलन अन्तर्गत पथ में हुए क्षति की विस्तृत मापी दर्शायी गई है एवं प्राक्कलन वर्त्तमान अनुसूचित दर पर तैयार किया गया है।

कृतीय अभियंता ग्रामीण कार्य विभाग कार्य प्रशाखा, कुमारखण्ड

सहायक अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल, कुमारखण्ड कार्यपालक अभियंता ग्रामीण कार्य विंभाग कार्य प्रमण्डल, मधेपुरा।

Inspection Report for Flood Damage Work

Date: 13/11/02/

- 1. Name of PIUs: Er Shailenaha Kumar
- 2. Name of Block: Keronoro Khanol
- 3. Name of Road: Kurrarakhanal to Jacobua patti

A. For Road

- 1. Damage Location/Chainage:
- 2. Damage Length :-

0.258100

- 3. Nature of Damage :-
- 4. Details of Restoration Works:
 - i. Material being used in Restoration works:
 - ii. Equipments/Tools being used in Restoration works
 - iii. Procedure taken up in Restoration works:-
 - iv. Restored Length:-

B. For Bridge

- 1. Damage Location/Chainage :-
- 2. Damage Length:-
- 3. Nature of Damage :-
- 4. Detail of Restoration Works :
 - i. Material being used in Restoration works :-
 - ii. Equipments/Tools being used in Restoration work
 - iii. Procedure taken up in Restoration works:
 - iv. Restored Length :-

Birenatulo Harabi

वार्ति द्वीरपपत्रप्रप्रामा

Bamboo pile, E.c bag Baickubab, Samal Filling

signature

(Name of Inspector)

 $\mathcal{O}(\mathcal{O})$

Scanned by CamScanner

Scanned with CamScanner

			s of Measu		Measurem	ent	
		कार्य का ब्यौरा eatail of Work	संख्या No.	लम्बाई in m.	चीड़ाई In m.	ऊँचाई In m.	मात्रा Quantity
NAME OF	ROAD :-	DETAILED ESTIMAT KUMARKHAND TO J		ORY REST	DRATION	OF ROAL	FROM
Item No. 1	Sand fillir	ng in Foundation Trenches	as per Drawing &	Technical S	Specification)	
			1	37	1,4	0.500	25.900
Ch:-in			1 1	75	1.2	0.500	45.000
Ch:-in			1	14.5	1.2	0.30	5.220
Ch:-in			1	14.5	1.2	0.50	8.700
Ch:-in			1	22	1.6	0.60	21.120
Ch:-in			2	18	1.5	0.50	27.000
Ch:-in			2	17	1.7	0.60	34.680
Ch:-in			2	32	1.8	0.30	34.560
Ch:-in				24	1.1	0.40	21.120
Ch:-in_: :				254	Total (in C	um)	223.300
Item No.	Providing	and laying of Brick bat ob ding, grading to required s	tained from chimn	ey with mac	henical mea acheive re	ans with equired	
2 : Laying	all spread	ing, grading to required si tith all complete as per the	direction of engine	eer in charge	3		
Brick	density w	ith all complete as per the	1	37.00	1.40	0.150	7.770
Ch:-in		*		75.00	1.20	0.150	13.500
			1		1.20	0.150	2.610
			1	14.50			2,610
			1	14.50	1.20	0.150	
			1	22.00	1.60	0,150.	5.280
4-			2: 1	4.10	0.90	0.150	0.554
	*		2	18.00	1.50	0.150	8.100
					1.70	0.150	8.670
			2	17.00	1.80	0.150	17,280
			2	32.00	1.10	0.150	3.960
			1	24.00	1,10	0.100	
							7n 334
				258.10			70.334
				258.10	- Total (ir		70.334
	- 10 · 10	e sutting 62mm to 75 mm	dia hamboo piles t	258.10 o size and n			
Item No. 3	3 Labour fo	or cutting 62mm to 75 mm	dia hamboo piles t	258.10 o size and n		es and	70.334
	3 Labour fo	or cutting 62mm to 75 mm c. complete job as per spe	dia hamboo piles t	258.10 o size and notion of E/I		3.75	70.334
CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles t	258.10 o size and notion of E/I 70.00 127.00		3.75 3.75	70.334 787.500 1428.750
CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction and direction and 3	258.10 o size and noction of E/I 70.00 127.00 21.00		3.75 3.75 3.75	70.334 787.500 1428.750 229.950
CH:-in CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00		3.75 3.75 3.65 3.7	70.334 787.500 1428.750 229.950 321.900
CH:-in CH:-in CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00		3.75 3.75 3.65 3.7 4.85	787.500 1428.750 229.950 321.900 436.500
CHt-in CHt-in CHt-in CHt-in CHt-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and directification and directificat	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00		3.75 3.75 3.65 3.7 4.85	70.334 787.500 1428.750 229.950 321.900 436.500 16.400
CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and directification and directificat	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00		3.75 3.75 3.65 3.7 4.85 4.1 3.35	787.500 1428.750 229.950 321.900 436.500 16.400 241.200
CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction and direction and direction and direction and direction and an analysis and an analysis and an analysis and an analysis and analysis analysis and analysis and analysis and analysis and analysis and analysis analysis analysis analysis and analysis ana	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00		3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35	70.334 787.500 1428.750 229.950 321.900 436.500 16.400
CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction and direction and direction and direction and direction and an arrangement of the second and arrangement of the second and arrangement of the second arrange	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 70.00		3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35 3.75	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700
CH:-in	3 Labour fo driving et	or cutting 62mm to 75 mm c. complete job as per spe	dia bamboo piles tecification and direction and direction and direction and direction and direction and an analysis and an analysis and an analysis and an analysis and analysis analysis and analysis and analysis and analysis and analysis and analysis analysis analysis analysis and analysis ana	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 70.00 48.00		3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700 787.500
CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in CH:-in	3 Labour fo driving et	c. complete job as per spe	dia bamboo piles tecification and directification and directificat	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 70.00 48.00 432.00	naking shoe	3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35 3.75	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700 787.500 504.000
CH:-in	driving et	c. complete job as per spe	dia bamboo piles tecification and directification and directificat	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 70.00 48.00 432.00	naking shoe	3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35 3.75 3.5	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700 787.500
CH:-in	driving et	For Bamboo pilling or fitting and fixing Split ban	dia bamboo piles tecification and directification and directification and directification and directification and an analysis of the control	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 48.00 432.00	otal (in m)	3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35 3.75 3.5	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700 787.500 504.000
CH:-in	driving et	c. complete job as per spe	dia bamboo piles tecification and directification and directification and directification and directification and an analysis of the control	258.10 o size and motion of E/I 70.00 127.00 21.00 29.00 30.00 2.00 18.00 17.00 48.00 432.00	otal (in m)	3.75 3.75 3.65 3.7 4.85 4.1 3.35 3.35 3.75 3.5	70.334 787.500 1428.750 229.950 321.900 436.500 16.400 241.200 341.700 787.500 504.000

For Chachary 01 no.(6m) Bamboo=1.413	sgm 0	0	2		0.00
		To	otal (in sqn	n)	0.00
		Total			0.00
tem No. 5 Labour for fitting and fixing 75 mm did pole with 150 mm long nails or 38 swo complete job as per specification and	G.I. wire inclu	ers in position ding cost of	n at every G.I wire or	vertical nails	
CH:-in	3	432.00		T	1296.00
Y 3			Total (in m		1296.00
tem No. 6 Supply of Bamboo at site.		-			
X		7	otal (in m	,	6391.40
		To	tal (in nos	.)	1065.23
		24			1065.00
Item No. 7 Labour filling empty cement bags with including supply of sutli and EC bag e specification and direction of E/I	tc. all complete	as per appr	oved desin	g,	05.04
CHt-inductions with the temperature of the property of the	.:: : ∮ ⊸v., 1, , ;•,	432:00		0:400	95.04
	9.5	Total (ii	r cum)	` v 19 .	95.04
(0.034m3=1 no. of EC Bags)				3 30 3	2795,29
(stee into The of Le Bugo)					000
Item No. 8 Providing, laying and filling Geo bags of weight of bags 420g volume of filled b	ag 0.07m3. wei	ight of filled (300 GSM no Geo bags 1	26 Kg	2795,00
weight of bags 420g volume of filled b with local sand including stitching in for machine and generator stacking and p	oag 0.07m3. wei our lines by app placing after loa	m(Type A 3 ght of filled or oved nylon ding unload	00 GSM no Geo bags 1 thread with ng and car	26 Kg stitching riage with	2795.00
weight of bags 420g volume of filled b	oag 0.07m3. wei our lines by app placing after loa	m(Type A 3 ght of filled or oved nylon ding unload	00 GSM no Geo bags 1 thread with ng and car	26 Kg stitching riage with	0.00
weight of bags 420g volume of filled b with local sand including stitching in for machine and generator stacking and p	oag 0.07m3. wei our lines by app placing after loa	m(Type A 3 ght of filled or oved nylon ding unloading ecifications	00 GSM no Geo bags 1 thread with ng and car and direction	26 Kg stitching riage with	
weight of bags 420g volume of filled b with local sand including stitching in for machine and generator stacking and p help of trolley within 150m lead all con	oag 0.07m3. wei our lines by app placing after loa	m(Type A 3 ght of filled or oved nylon ding unloading ecifications	00 GSM no Geo bags 1 thread with ng and car and direction	26 Kg stitching riage with	0.00
weight of bags 420g volume of filled b with local sand including stitching in for machine and generator stacking and p	oag 0.07m3. wei our lines by app placing after loa	m(Type A 3 ght of filled or oved nylon ding unloading becifications	600 GSM no Geo bags 1 thread with ng and car and direction	26 Kg stitching riage with	0.00 0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and plet help of trolley within 150m lead all conditions (0.07m3≈1 no. of Geo Bags)	pag 0.07m3. wei our lines by app placing after loa nplete as per sp 1	m(Type A 3 ght of filled or oved nylon ding unloadi pecifications 0	SOO GSM no Geo bags 1 thread with ng and car and direction 0	26 Kg stitching riage with	0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and phelp of trolley within 150m lead all construction of Geo Bags) (0.07m3≈1 no. of Geo Bags) Item No. 9 Construction of granular sub-base by spreading in uniform layers with tractor prepared surface, mixing by mix in playing and compacting with smooth wheeling	pag 0.07m3. weight bur lines by appropriating after load in providing well gor mounted graduce method with roller to achieve	m(Type A 3 ght of filled or oved nylon ding unloadi pecifications 0 Total (in raded mater arrangem rotavator a the desired	oo GSM no Geo bags 1 thread with ng and car and direction 0 n nos.) ial, ent on t OMC, density,	26 Kg stitching riage with	0.00 0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and people of trolley within 150m lead all construction of Geo Bags) (0.07m3≈1 no. of Geo Bags) Item No. 9 Construction of granular sub-base by spreading in uniform layers with tractor prepared surface, mixing by mix in pla	pag 0.07m3. weight bur lines by appropriating after load in providing well gor mounted graduce method with roller to achieve	m(Type A 3 ght of filled or oved nylon ding unloadi pecifications 0 Total (in raded mater arrangem rotavator a the desired	oo GSM no Geo bags 1 thread with ng and car and direction 0 n nos.) ial, ent on t OMC, density,	26 Kg stitching riage with	0.00 0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and phelp of trolley within 150m lead all construction of Geo Bags) (0.07m3≈1 no. of Geo Bags) Item No. 9 Construction of granular sub-base by spreading in uniform layers with tractor prepared surface, mixing by mix in playing and compacting with smooth wheeling the with smooth wheeling with smooth with smooth with smooth wheeling with smooth with sm	pag 0.07m3. weight bur lines by appropriating after load approviding after load providing well gor mounted graduce method with coller to achieve on Clause 401.	m(Type A 3 ght of filled or oved nylon ding unload occifications 0 Total (in raded mater er arrangem rotavator a the desired (Gr-II Materi	n nos.) ial, ent on t OMC, density, al)	26 Kg stitching riage with on of E/I	0.00 0.00 0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and phelp of trolley within 150m lead all construction of Geo Bags) [tem No. 9] Construction of granular sub-base by spreading in uniform layers with tractor prepared surface, mixing by mix in pla and compacting with smooth wheel recomplete as per Technical Specification. [tem No. 1] Providing and Laying Reinforced Cem	pag 0.07m3. weight bur lines by appropriating after load approviding well governmented graduce method with roller to achieve an Clause 401.	m(Type A 3 ght of filled or oved nylon ding unload occifications 0 Total (in raded mater er arrangem rotavator a the desired (Gr-II Materi	n nos.) ial, ent on t OMC, density, al) 3.75	26 Kg stitching riage with on of E/I 0 -	0.00 0.00 0.00 0.00
weight of bags 420g volume of filled be with local sand including stitching in formachine and generator stacking and phelp of trolley within 150m lead all construction of Geo Bags) (0.07m3≈1 no. of Geo Bags) Item No. 9 Construction of granular sub-base by spreading in uniform layers with tractor prepared surface, mixing by mix in playing and compacting with smooth wheeling	pag 0.07m3. weight bur lines by appropriating after load approviding well governmented graduce method with roller to achieve an Clause 401.	m(Type A 3 ght of filled or oved nylon ding unload occifications 0 Total (in raded mater er arrangem rotavator a the desired (Gr-II Materi	on GSM no Geo bags 1 thread with ng and car and direction nos.) ial, lent on t OMC, density, all a.75 To per design i	26 Kg stitching riage with on of E/I 0 -	0.00 0.00 0.00 0.00

Birend 10/14

Beinglow



Schedule of Quantity

NAME OF ROAD :-

DETAILED ESTIMATE FOR TEMPRORY RESTORATION OF ROAD FROM KUMARKHAND TO JADUAPATTI

BLOCK :-

KUMARKHAND

.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	223,30	Cum	582.71	130120,13
2	A/R	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.	70.33	Cum	1922,87	135242.18
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	5095.40	m	45.86	233700.10
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	1296.00	m	5.31	6877.83
6		Supply of Bamboo at site.	1065,00	nos.	188.39	200631.33
7	5.7.40.1	Labour filling empty cement bags with loocal sand, stitching the bags and placing including supply of sutil and EC bag etc. all complete as per approved desing,	2795.00	nos.	37.05	103563,81
8		Providing, laying and filling Geo bags of size 1m X 0.7 m (Type A 300 GSM nonwoven) weight of bags 420g volume of filled bag 0.07m3, weight of filled Geo bags 126 Kg with local sand including stitching in four lines by approved nylon thread with stitching machine and generator stacking and placing after loading unloading and carriage with help of trolley within 150m lead all complete as per specifications and direction of E/I	0.00	. Each	172.18	0.00
9	401	Construction of granular sub-base by providing working and an aterial, 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	0.00	Cum	2091.76	0.00
10	9.3	Clause 401. Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Roww(1000mm Día).	0.00	m	4046.57 Rs.	0.00 810135.37
	2.5	as per design in Single Row (2001)			KS.	010133,37

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By Relillow

EE

Calculation of Seignlorage Fees

NAME OF ROAD: DETAILED ESTIMATE FOR TEMPRORY RESTORATION OF ROAD FROM KUMARKHAND TO JADUAPATTI BLOCK: KUMARKHAND

270	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
.No	12.3	Send filling in Foundation Trenches as per Drawing &				
171	1210	Technical Specification	223.30	Cum	141.85	31675.11
	- 1 m	Providing & laying Brick Bat	ELUIGO			
2/2	A/R	Providing and laying of Brick bat obtained from				
		chimney with machenical means with all spreading,	1			
		grading to required slope and compacted at OMC to				
		acheive required density with all complete as per the				
- 1		direction of engineer in charge.				
			70.33	Cum	1032.00	72584.17
		Brick Bats Labour filling empty cement bags with loocal sand,				
		stitching the bags and placing including supply of sutil			Ÿ	
3/7	5.7.40.1	and EC bag etc. all complete as per approved desing,				
		specification and direction of E/I			444.05	13481.42
-		Sand	95.04	Cum	141.85	13401,42
-		Providing laving and filling Geo bags of size 1m X 0.7				
S. 170	88 3 C 2	m(Type A 300 GSM nonwoven) weight of bags 420g	e and an		2 80 84	
155	31 3 4	volume of filled bag 0.07m3, weight of filled Geo bags -				into a meto es
[126 Kg with local sand including stitching in four lines by	5 974		. 4 2	36, 18,
4/8	5.7.40.2	approved nylon thread with stitching machine and generator stacking and placing after loading unloading			181	6.5 0
		and carriage with help of trolley within 150m lead all				
		complete as per specifications and direction of E/I				
		(including Carriage of Local sand lead 0.5 km)			144.05	0.00
-		Sand	0.00	Cum	141.85	0.00
-		Construction of granular sub-base by providing well		9		
		graded material spreading in uniform layers with tractor			1	
J		Impurited grades arrangement on prepared surface,				3
5/9	401	mixing by mix in place method with rotavator at ONO.				
		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)				
77		Unit = Cum				/
		Taking output = 300 cum		<i>pj</i>		
		Coarse graded granular sub-base material as per Table		}	- 1	
		400.2		0.14	516.42	92955.60
		53 mm to 9.5mm @ 50 percent	180.00	Cum	411.33	29615.76
15		9.5 mm to 2.36 mm @ 20 percent	72.00	Cum		20081.52
		2.36 mm below @ 30 percent (coarse Sand Screening)	108.00	Cum	185.94	
	-	Cost for 300 cum ≈ a				142652.88
0		Rate psr Cum = (a)/300		Cum		475.51
-		Rate psr Cum - (a)/300	0.00	Cum	475.51	0.00
-						0.00
		GSB Gr-I			TOTAL.	117740.70
		Seignlorage Fees @10% of Basic Amount			Say	11774.07