अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। पत्रांक...62.3...../३७५०

प्रेषक,

ई0 खलीकुज्जमा, अधीक्षण अभियंता,

सेवा में,

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

मधेपुरा, दिनांक 21.05.22/

विषय:

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

प्रसंग :

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक !72/... अनु०, दिनांक -1915/22 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु०अ०-4(मु०)विविध(कार्य)23-291/2019-4849 पटना, दिनांक 07.12.2021

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, मधेपुरा 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	तकनीकी स्वीकृति की राशि (Lakh)	
	e .	LAY.	(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	9.27227	
	Kumarkhand	Kumarkhand To Ramganj	0.354	23.03287	
7.	Kumarkhand	Kumarkhand Rauta Tengraha	0.077	1.54242	
 8. 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	0.501	11.30913	

P.T.O.

क्र0	प्रखंड	योजना का नाग	क्षतिग्रस्त भाग की लम्बाई (IKM)	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 Jogama Bushayat me Surlita Den 0.022 Ke Ghaz se MMKSY Path Hanuman Mander विश्वासमाजन, अनु0:—प्राक्कलन एक-एक प्रति में।

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



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

Madhepura Sigheshwar Madhepura

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM NH 106 NARIYAL VIKASH BOARD TO SUKHASAN

Actual Length of Road	=	5.510 Km	
Flood affected Length of Road	=	0.04 Km	
TOTAL COST OF PAVEMENT	Rs	1,63,596.75	
TOTAL PROJECT COST	Rs	1,63,596.75	ж g

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

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

Inspection Report for Flood Damage work

Date:-

- Madkepura. 1 Name of PIUS :-
- Singleshuggs.
- 3 Name of Road: Temp. Resturation of Road from NH106 Nariyat VIDEN Bagod to Suldalan.

A. For Road

- 1120 to 11603 1 Damage Location/Chainage:-
- 0.040 kg/ 2 Damage Length:-
- 3 Nature of damage: Leavy Rounfoul.
- 4 Details of Restoration Works :-
- i Material being used in Restortion works: Local Sand and ac Bays
- ii Equipments/Tools being used in Restoration works: Free ctor and J. CB.
- iii Procedure taken up in Restoration works :-
- iv Restored Length: O. 040 KM1

B. For Bridge

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

वाकि वामात्र माना गमा

Signature (Name of inspector)

-:तकनीकी प्रतिवेदन:-

अंचल का नाम:— मधेपुरा
योजना शीर्ष:— 3054 एफ.डी.आर.
पथ का नाम:— NH106 Nariyal Vikash board to Sukhasan
पथ की लम्बाई:—5.510 कि.मी.
निर्मित/निर्माणाधीन पथ का शीर्ष:—3054 एम.आर
प्राक्कलित राषि:— रू० 1.636 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याषित अतिवृष्टि एवं बाढ़ के कारण NH106 Nariyal Vikash board to Sukhasan पश् में हुए क्षति यथा कटाव/धसान/जलजमावं की आकस्मिक मरम्मित एवं यातायात पूनर्बहाल करने हेतु शीर्ष 3054 एफ.डी.आर. मद से सचिव, ग्रामीण कार्य विभाग/उच्चाधिकारियों के द्वारा दिये गये निर्देष के अनुपालन में तैयार किया गया है।

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

कनीय अभियंता ग्रामीण कार्य विभाग कार्य प्रषाखा, सिंधेश्वर सहायक अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल,सिंधेश्वर

कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमण्डल, मधेपुरा।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM NH 106

NAME OF ROAD: NARIYAL VIKASH BOARD TO SUKHASAN

DIVISION: Madhepura

BLOCK: Sigheshwar

Actual Length of Road : 5.510 Km

Flood Affected Length of Road :- 0.09 Km

Sr.	Description	Amount (In Rs.)
No.		
1	Total Cost of Restoration=	1,41,741.17
2	Add:-Labour Cess @1% amt. =	1,417.41
3	Add:GST@12% on amt. =	17,008.94
4	Add:S.F.@ 10% on Material (Brick Bats) =	3,429.22
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	1,63,596.75

Say 7 1, 63,597.00/

Junior Engineer
RWD (W) Division, Madhepura

Assistant Engineer
RWD (W) Division, Madhepura

Executive Engineer
RWD (W) Division,Madhepura

मार्क - गु 345 - 4 (गु) विवि ग (कार्य) 23-291/2019-4849 विविक (कार्य)

Technically sanctioned for 7 1,63,597.00/ (i.e. one lack
Sixty three thousand five hundred ninty seven only)

Strain ser

Estimacing Onicer
Rural Work Department
Work Circle Wednebura

11 /21/05/24

Superintending Engineer Rural Works Department Works Circle, Madhepura

Calculation of Seignlorage Fees

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM NH 106 NARIYAL VIKASH

NAME OF ROAD :- BOARD TO SUKHASAN

BLOCK :- Sigheshwar

No	SORNO	DESRIPTION OF ITEMS	OTY	UNIT		RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing &				-	
-		Technical Specification	240.00	Cui	m 1	41.85	34044.00
2/2	A/R	Providing & laying Brick Bat	240.00	Cu	11	41.05	<u> </u>
		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.	í.				
		Brick Bats	0.00	CI	ım 1	032.00	0.00
3/7	5.7.40.1	specification and direction of E/I	1.75		im l	141.85	248.24
4.45		Sand	1.75	+-	-		
4/8	5.7.40.2	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 filed 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 (including Carriage of Local sand lead 0.5 km)				Ð	
		Sand	0.00)	Cum	141.85	0.00
5/9	401	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tracto 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		2			
		Coarse graded granular sub-base material as per Table 400.2					0.0055.50
		53 mm to 9.5mm @ 50 percent	_	00.0	Cum	516.4	
	-	9.5 mm to 2.36 mm @ 20 percent		.00	Cum	411.3	
		2.36 mm below @ 30 percent (coarse Sand Screening	g) 10	8.00	Cum	185.9	
		2.36 mm below @ 30 percent (coarse out a server					142652.8
		Cost for 300 cum = a			Cum		475.51
		Rate psr Cum = (a)/300	0	.00	Cum	475.	
							0.00
		GSB Gr-l				TOT	
		Seigniorage Fees @10% of Basic Amount				Sa	y - 3429.2

			W. C		etails of				
	Measurement			संख्या	कार्य का ब्योरा				
मात्रा	In m.	चोड़ाइ	लम्बाइ	No.			-		
Quantity		In m.	in m.	,,,,,		atail of Workl	Dea		
AD FROM	ON OF ROKHASAN	RD TO SUP	ASH BOA	YAL VIK	I 106 NARI		dau	NAME OF	
		Specification	Technical	Drawing 8	enches as pei	in Foundation Tre	Sand filling	tem No. 1	
240.000	3.00	2	40	1					
240.000		otal (in Cum)							
	s with all	chenical mean	ney with mad	from chimr	bat obtained	and laying of Brick I	Providing	tem No. 2	
	ad l	cheive require	at OMC to a	compacted	ed slope and c	grading to required	spreading,		
		e.	eer in charg	on of engin	per the directi	h all complete as p	density wit		
0.00	0.40	4.00	0.00	1		100			
0.00			0.00						
0.000	(-)	.6)2x2.5	22/7x(0	0	s For Pipe	1 229			
0.000		Total (in			3 0 1 00	LG33			
(P11)75			to size and	nhon niles	75 was allo hor	cutting 62mm to 75			
N 120 (302557)		injuliing emere.	ction of E/I	on and dire	per enecificati	cutting 62mm to 73	Labour for	em No. 3	
0.000	2.75		0	1	per specificati	. complete job as p	anving etc		
0.000		Total (in m)			nilling 1 25m	For Bamboo p			
		. •	Jaing cost o	atively incil	ng nails altern	fitting and fixing Sp mm to 100 mm long	wire or 75		
0.00		0.9	0	atively inclication of E/I	ng nails altern ation and dìred , Ch2nd km	mm to 100 mm long ob as per specificat Size 6m*2m,	wire or 75 complete j		
0.00		0.9	0	atively incli	ng nails altern ation and dìred , Ch2nd km	mm to 100 mm long ob as per specificat	wire or 75 complete j	For	
0.00		0.9 2 otal (in sqm)	0	atively inclication of E/I	ng nails altern ation and dìred , Ch2nd km	mm to 100 mm long ob as per specificat Size 6m*2m,	wire or 75 complete j	For	
0.00		0.9 2 otal (in sqm) (in m)	0 0 Total	atively inclination of E/I	ng nails altern ation and direc , Ch2nd km o=1.413 sqm	mm to 100 mm long ob as per specificat Size 6m*2m, i1 no.(6m) Bamboo	wire or 75 complete j		
0.00	tical	0.9 2 Total (in sqm) (in m) on at every ven	0 0 Total	atively inclination of E/I 1 0 nboo runne	ng nails alternation and direct, Ch2nd km o=1.413 sqm 75 mm dia bar or 38 swg G.I.	mm to 100 mm long ob as per specificat Size 6m*2m, 11 no.(6m) Bamboo fitting and fixing 75 50 mm long nails o	complete j Chachary C		
0.00	tical	0.9 2 Total (in sqm) (in m) on at every ven	0 0 Total	atively inclination of E/I 1 0 nboo runne	ng nails alternation and direct, Ch2nd km o=1.413 sqm 75 mm dia bar or 38 swg G.I.	mm to 100 mm long ob as per specificat Size 6m*2m, 11 no.(6m) Bamboo	complete j Chachary C		
0.00 0.00 0.00	tical	0.9 2 Total (in sqm) (in m) on at every ven	0 0 Total ers in position	atively inclination of E/I 1 0 nboo runne wire inclustion of E/I	ng nails alternation and direct, Ch2nd km o=1.413 sqm 75 mm dia bar or 38 swg G.I.	mm to 100 mm long ob as per specificat Size 6m*2m, 11 no.(6m) Bamboo fitting and fixing 75 50 mm long nails o	complete j Chachary C		
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0.00 0.00 0.00 0.00 0.00	tical	0.9 2 Total (in sqm) (in m) on at every ven G.I wire or nai Total (in m)	0 0 Total ers in position ding cost of	atively inclination of E/I 1 0 nboo runne wire inclustion of E/I	ng nails alternation and direct, Ch2nd km o=1.413 sqm 75 mm dia bar or 38 swg G.I.	mm to 100 mm long ob as per specificat Size 6m*2m, 11 no.(6m) Bamboo fitting and fixing 75 50 mm long nails o	wire or 75 complete j Chachary 0 Labour for pole with 1 complete jo	tem No. 5	
0.00 0.00 0.00	tical	0.9 2 Total (in sqm) (in m) on at every very G.I wire or nai Total (in m)	0 0 Total ers in position ding cost of	atively inclination of E/I 1 0 nboo runne wire inclustion of E/I	ng nails alternation and direct, Ch2nd km o=1.413 sqm 75 mm dia bar or 38 swg G.I.	mm to 100 mm long ob as per specificat Size 6m*2m, 11 no.(6m) Bamboo fitting and fixing 75 50 mm long nails ob as per specificat	wire or 75 complete j Chachary 0 Labour for pole with 1 complete jo	tem No. 5	
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			V 580 TV		1 0	4	2.5	7 3 4	0.00
tem No. 1	Providing an Row(1000m		Reinfor	ced Ceme	ent Concrete P	ipe NP3 as per	design in Si	ngle	56.1
				1			Tota	ıl (Cum)	0.00
					1 1	0.00	1.50	0.25	0.00
Kem No. s	spreading in prepared sur compacting	uniform face, mix with smo	layers w xing by a ooth who	vith tractor mix in plac eel roller t	mounted grad e method with to achieve the	raded material, er arrangement rotavator at O desired density Gr-II Material)	t on MC, and		
li No. f	10			-		Total (in n			0.00
	(0.07m3=1 r	io. of Ge	o Bags)					0.00
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Schedule of Quantity

NAME OF ROAD:- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM NH 108 NARIYAL VIKASH BOARD TO SUKHASAN

BLOCK :-

Sigheshwar

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
l	301.5	Sand filling in Foundation Trenches as per Drawing & Technical Specification	240,00	Cum	582.71	139851.46
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 achelve 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	0.00	m	45.86	0,00
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	0.00	m	5.31	0.00 -
6		Supply of Bamboo at site.	0.00	nos.	188.39	0.00
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	51.00	nos.	37.05	1889.72
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 (including Carriage of Local sand lead 0.5 km)	0.00	Each	172.18	0.00
9	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.	0.00	Cum	2091.76	0.00
10		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.	141741.17

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