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

पत्रांक 623 /मे०

प्रेषक,

ई० 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 पथांशों 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 1721.... अनु०, दिनांक 19/5/22 एवं अभियंता प्रमुख, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक मु०अ०–4(मु०)विविध(कार्य)23–291/2019–4849 पटना, दिनांक **07.12.2021**

महांशय,

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।

क्र०	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
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
7.	Kumarkhand	Kumarkhand To Ramganj	0.354	23.03287
8.	Kumarkhand	Kumarkhand Rauta Tengraha	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	0.501	11.30913

P.T.O.

क्र0	प्रखंड	योजना का नाम	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 Panchayat me Sushila Devi Ke Ghar se MMGSY Path Hanuman Mandir	0.022	1.92630

अनु0:–प्राक्कलन एक–एक प्रति में।

विश्वासभाजन,

21/05/22

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	BIHAR
DICTRICT	Madhepura
BLOCK	Sigheshwar
DIVISION	Madhepura

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM Barhari NH106 se Bbhani Path Mahuli.

Actual Length of Road	=	7.800 Km
Flood affected Length of Road	=	0.858 Km
TOTAL COST OF PAVEMENT	Rs	15,23,900.76
TOTAL PROJECT COST	Rs	15,23,900.76

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

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

Inspection Report for Flood Damage work

Date:-

1 Name of PIUS :- Madhepura.

2 Name of Block :- Singheshwar

3 Name of Road :- Temporary Restoration of Road from Barhari NH106 Se Babhani path Maluli

A. For Road

1 Damage Location/Chainage :- 0 to 2500, 2900 to 3500, 3800 to 5000, 5400 to 6000, 6800 to 7400

2 Damage Length :- 0.858 km.

3 Nature of damage :- Light rainfall.

4 Details of Restoration Works :-

i Material being used in Restortion works:- Brick Bats, ~~earthy~~,

ii Equipments/Tools being used in Restoration works :- Tractor, JC.B. etc.

iii Procedure taken up in Restoration works :-

iv Restored Length :- 0.858 km.

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 :-

07/11/2024
JE

01/11/24
AE

EE

उपरोक्त सभी कार्य पाया गया।
13/11/24

Signature EE
(Name of inspector) Trivanigary

–:तकनीकी प्रतिवेदनः–

अंचल का नामः– मधेपुरा प्रमण्डल का नामः– मधेपुरा।

योजना शीर्षः–3054 एफ.डी.आर.

पथ का नामः– **Badhari NH106 to Babhani path mahuli.**

पथ की लम्बाईः–**7.800** कि.मी.

निर्मित/निर्माणाधीन पथ का शीर्षः–**3054** एम.आर

प्राक्कलित राषिः– रू0 **15.239** लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याषित अतिवृष्टि एवं बाढ़ के कारण **Badhari NH106 to Babhani path mahuli.** पथ में हुए क्षति यथा कटाव/धसान/जलजमाव की आकस्मिक मरम्मति 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।

01/11/20	01/11/20	1/11
कनीय अभियंता	सहायक अभियंता	कार्यपालक अभियंता
ग्रामीण कार्य विभाग	ग्रामीण कार्य विभाग	ग्रामीण कार्य विभाग
कार्य प्रषाखा, सिंघेश्वर	कार्य अवर प्रमण्डल, सिंघेश्वर	कार्य प्रमण्डल, मधेपुरा।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM

NAME OF ROAD :- Barhari NH106 se Bbhani Path Mahuli.

DIVISION :- Madhepura

BLOCK :- Sigheshwar

Actual Length of Road :- 7.800 Km

Flood Affected Length of Road :- 0.858 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	12,87,437.42
2	Add:-Labour Cess @1% amt. =	12,874.37
3	Add:GST@12% on amt. =	1,54,492.49
4	Add:S.F.@ 10% on Material (Brick Bats) =	69,096.48
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	15,23,900.76

Say ₹ 15,23,901.00/-

01/11/2024

Junior Engineer
RWD (W) Division,Madhepura

01/11/2024

Assistant Engineer
RWD (W) Division,Madhepura

Executive Engineer
RWD (W) Division,Madhepura

TS no :- 21 dated 20/05/2022

पत्रांक – मु० अ० – 4 (मु०) विविध (कार्य) 23-291/2019-4849

दिनांक - 07/12/2021

Technically sanctioned for ₹ 15,23,901.00/- (i.e. fifteen lacs twenty three thousand nine hundred one only).

Nalva
20/05/2022

Estimating Officer
Rural Work Department
Work Circle, Madhepura

21/05/22

Superintending Engineer
Rural Works Department
Works Circle, Madhepura

Calculation of Seigniorage Fees

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM . . . . . Barhari

NAME OF ROAD :- NH106 se Bbhani Path Mahuli.

BLOCK :- Sigheshwar

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Construction of embankment with approved material obtained from borrow pits with lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5				
		E/W	0.00	Cum	34.81	0.00
2/2	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.				
		Brick Bats	669.54	Cum	1032.00	690964.76
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				
		Sand	0.00	Cum	141.85	0.00
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 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)				
		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 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
		Cost for 300 cum = a				142652.88
		Rate psr Cum = (a)/300		Cum		475.51
			0.00	Cum	475.51	0.00
		GSB Gr-I				0.00
					TOTAL	690964.76
		Seigniorage Fees @10% of Basic Amount			Say	69096.48

JE 01/11/2021

AE 01/11/2021

EE

Details of Measurement

कार्य का ब्योरा Deatail of Workl	संख्या No.	Measurement लम्बाई in m.	चौड़ाई In m.	In m.	मात्रा Quantity
NAME OF ROAD :-	**DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM Barhari NH106 se Bbhani Path Mahuli.**				
Item No. 1	Construction of embankment with approved material obtained from borrow pits with lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5				
	1	0	2.5	1.25	0.000
		Total (in Cum)			0.000
Item No. 2	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.				
CH:-0 to 2500	1	7.00	2.00	0.30	4.200
	1	4.00	1.50	0.30	1.800
	2	6.00	2.00	0.30	7.200
	1	5.00	2.00	0.30	3.000
	1	7.00	2.00	0.35	4.900
	1	6.00	2.00	0.30	3.600
	1	3.00	1.50	0.30	1.350
	1	7.00	2.00	0.30	4.200
	1	9.00	2.00	0.30	5.400
	1	10.00	2.00	0.30	6.000
	1	4.00	2.00	0.30	2.400
	2	20.00	2.00	0.25	20.000
	2	3.00	2.00	0.30	3.600
	1	100.00	2.00	0.30	60.000
	1	20.00	2.00	0.35	14.000
	2	4.00	2.00	0.30	4.800
	1	15.00	2.00	0.40	12.000
	4	4.00	2.00	0.30	9.600
CH:-2500 to 3500	1	3.00	2.00	0.30	1.800
	1	7.00	3.00	0.30	6.300
	1	8.00	2.00	0.30	4.800
	1	8.00	2.00	0.33	5.200
	1	7.00	2.00	0.30	4.200
	1	15.00	2.00	0.30	9.000
	1	15.00	2.00	0.30	9.000
	1	20.00	2.00	0.30	12.000
	2	7.00	2.00	0.30	8.400
	2	20.00	2.00	0.28	22.000
	1	5.00	2.00	0.30	3.000
	2	7.00	2.00	0.30	8.400
	1	50.00	2.00	0.45	45.000

01/11/2021

	1	30.00	2.00	0.30	18.000
	1	10.00	2.00	0.30	6.000
	1	30.00	2.00	0.30	18.000
	2	40.00	2.00	0.35	56.000
	1	1.00	2.00	0.30	0.600
	1	5.00	2.00	0.30	3.000
	1	30.00	4.00	0.25	30.000
	1	5.00	2.00	0.75	7.500
	1	5.00	2.00	0.30	3.000
	1	15.00	2.00	0.30	9.000
	1	10.00	2.00	0.30	6.000
	1	100.00	2.00	0.35	70.000
	4	2.00	2.00	0.30	4.800
	1	30.00	2.00	0.30	18.000
	2	10.00	2.00	0.30	12.000
	1	4.00	2.00	0.30	2.400
	1	1.50	1.27	0.30	0.572
	1	4.00	1.50	0.30	1.800
CH:-3800 to 5000	1	2.00	2.00	0.35	1.400
	1	2.50	1.50	0.30	1.125
	2	4.00	1.50	0.29	3.468
	2	6.00	2.00	0.30	7.200
	1	5.00	2.00	0.40	4.000
	3	3.00	2.00	0.30	5.400
	1	2.00	4.00	0.30	2.400
	2	2.00	1.00	0.30	1.200
	3	3.00	2.00	0.30	5.400
	4	2.00	2.00	0.30	4.800
	1	4.00	2.00	0.30	2.400
	1	10.00	1.75	0.30	5.250
CH:-5400 to 6000	1	2.00	1.65	0.25	0.825
	1	5.00	2.00	0.30	3.000
	2	3.00	2.00	0.25	3.000
	1	3.00	2.00	0.25	1.500
CH:-6800 to 7400	1	4.00	2.00	0.30	2.400
	1	10.00	1.75	0.30	5.250
	1	7.00	2.00	0.30	4.200
	1	7.00	2.00	0.30	4.200
	1	25.00	2.00	0.45	22.500
	1	8.00	2.00	0.30	4.800
		858			669.540
Less For Pipe	0	22/7x(0.6)2x2.5		(-)	0.000
				Total (in Cum)	669.540

Item No. 3	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

01/11/2021 JE

01/11/21 A-E

CH:-in 1stkm.	2	0		2.75	0.000
CH:-in 1stkm.	1	0		2.75	0.000
CH:-in 1stkm.	1	0		2.75	0.000
CH:-in 1stkm.	1	0		2.75	0.000
CH:-in 1stkm.	1	0		2.75	0.000
For Bamboo pilling 1.25m		Total (in m)			0.000
Item No. 4	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				
Size 6m*2m, Ch-.2nd km	1	0	0.9		0.00
For Chachary 01 no.(6m) Bamboo=1.413 sqm	0	0	2		0.00
		Total (in sqm)			0.00
		Total (in m)			0.00
Item No. 5	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.I. wire including cost of G.I wire or nails complete job as per specification and direction of E/I				
CH:-in 1st km.	6	0			0.00
CH:-in 1st km.	3	0			0.00
CH:-in 1st km.	3	0			0.00
CH:-in 1st km.	2	0			0.00
CH:-in 1st km.	3	0			0.00
		Total (in m)			0.00
Item No. 6	Supply of Bamboo at site.				
		Total (in m)			0.00
		Total (in nos.)			0.00
					0.00
Item No. 7	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				
CH:-in 1st km.	2	0	1	1.2	0.00
CH:-in 1st km.	2	0	0.8	1.25	0.00
CH:-in 1st km.	2	0	1.5	1	0.00
	Total (in cum)				0.00
(0.034m3=1 no. of EC Bags)					0.00
	Total (in nos.)				0.00
Item No. 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)				
	2	0	1.2	0.9	0.00
	1	0	3	0.9	0.00
	1	0	3.5	1.25	0.00
					0.00
					0.00
(0.07m3=1 no. of Geo Bags)					0.00
	Total (in nos.)				0.00

AEO Rest 01/11/2024

01/11/2024 A-E

Schedule of Quantity

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM [illegible] Barhari NH106 se Bbhanl Path Mahull. BLOCK :- Sigheshwar

S.No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1	301.5	Construction of embankment with approved material obtained from borrow pits with lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5	0.00	Cum	182.79	0.00
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.	669.54	Cum	1922.87	1287437.42
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.I. wire including cost of G.I 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	0.00	nos.	37.05	0.00
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	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.	1287437.42

JE 01/11/2024

AE 01/11/2024

EE