

Inspection Report for Flood Damage work

Date:-

1 Name of PIUS :-

2 Name of Block :-

3 Name of Road :-

Rm Rasthara (EE) UDARASHAN
UDARASHAN
M1106 Udarashan to Tinfang

A. For Road

1 Damage Location/Chainage :-

2 Damage Length :-

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 :-

240/100
0.024 km
Pine Shredder Road Crest
Bamboo Bag, Bamboo Pile

44

0.024 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 Restoration works:-

ii Equipments/Tools being used in Restoration works :-

iii Procedure taken up in Restoration works :-

v Restored Length :-

3
PPA

JE

AE

EE

check and found satisfactory.

Signature

(Name of inspector)

25/04/21



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
DISTRICT
BLOCK
DIVISION

BIHAR
MADHEPURA
UDAKISHANGANJ
UDAKISHANGANJ

**DETAILED ESTIMATE FOR TEMPORARY RESTORATION
OF ROAD FROM NH-106 UDAKISHANGANJ SE TINTANGA**

Actual Length		=	2.892 Km
Flood affected Length of Road	=		0.024 Km
TOTAL COST OF PAVEMENT	Rs		566,868.91
TOTAL PROJECT COST	Rs		566,868.91

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

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

प्रतिवेदन

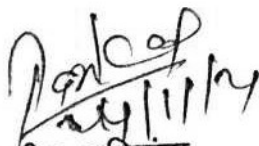
पथ का नाम :- HH 106 उदाकिशुनगंज से सिहवा

प्रखंड :- उदाकिशुनगंज

जिला :- 4 धेड़

पथ की कुल लंबाई :- 2.898 km

प्रस्तुत प्राकलन मो०-56868 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, उदाकिशुनगंज के अधीन स्वीकृत प्राकलन 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।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

NAME OF ROAD :- DETAILED ESTIMATE FOR TEMPORARY
RESTORATION OF ROAD FROM NH-106
UDAKISHANGANJ SE TINTANGA

DIVISION :- UDAKISHANGANJ

BLOCK :- UDAKISHANGANJ

Flood Affected Length of Road :- 0.024 Km

Sr. No.	Description	Amount (In Rs.)
1	Total Cost of Restoration=	496,381.60
2	Add:-Labour Cess @1% amt. =	4,963.82
3	Add:GST@12% on amt. =	59,565.79
4	Add:S.F.@ 10% on Material =	5,957.70
TOTAL RESTORATION COST OF THE PROJECT IN LACS		566,868.91



Junior Engineer

RWD (W) Division, Udakishanganj

Assistant Engineer

RWD (W) Division, Udakishanganj



Executive Engineer

RWD (W) Division, Udakishanganj

T.S. no -

Dated - 20/4/2022

पत्रांक - रू० रू० - ५ (रू०) विविध (कार्य) 23-291/2019 -

५४५७ दिनांक २०/१२/२०२१

Technically sanctioned for Rs 5,66868.00
(Rs five lacs sixty six thousand eight -
hundred sixty eight) only.

W.S.
20/04/2022

Estimating Officer
Rural Work Department
Work Circle, Madhepura

1. 20/04/22

Superintending Engineer
Rural Works Department
Works Circle, Madhepura

ग्रामीण कार्य विभाग
बिहार, सरकार

पत्रांक - मु0अ0-4 (मु0) विविध कार्य-23-60/2020 -1937

पटना, दिनांक 07/07/2021

प्रेषक,

पंकज कुमार पाल (भा0प्र0से0)
सचिव

सेवा में,

सभी कार्यपालक अभियंता
ग्रामीण कार्य विभाग,

विषय- बाढ़ अतिवृष्टि से क्षतिग्रस्त पथों/पुलियों को यातायात लायक (Motorable) करने के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में निदेश दिया जाता है कि प्रमंडल अन्तर्गत सभी अभियंता बाढ़/अतिवृष्टि से क्षतिग्रस्त पथों का शत प्रतिशत निरीक्षण करेंगे। पथों/पुलियों के क्षतिग्रस्त भाग से पानी उतरते ही उसे यातायात लायक बनाने की कारवाई एवं Motorable किये जाने से पहले तथा Motorable कार्य के बाद का Real time, Geo tagged photographs को MIS पर तत्क्षण अपलोड किया जाना सुनिश्चित करेंगे। इन कार्यों को कराने हेतु कार्यपालक अभियंता पूर्ण रूप से जिम्मेवार होंगे। कार्य न कराने की स्थिति में उनके विरुद्ध अनुशासनिक कार्रवाई की बाध्यता होगी।

विश्वासभाजन

(पंकज कुमार पाल)

सचिव

पटना, दिनांक 07/7/2021

ज्ञापांक- मु0अ0-4 (मु0) विविध कार्य-23-60/2020 -1937

प्रतिलिपि:-सभी अधीक्षण अभियंता को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। साथ ही उन्हें निदेश दिया जाता है कि वे लगातार अनुश्रवण एवं निरीक्षण करते हुए क्षतिग्रस्त भाग को अतिशीघ्र यातायात लायक बनवाने की कारवाई सुनिश्चित करेंगे।

सचिव

पटना, दिनांक 07/7/2021

ज्ञापांक-मु0अ0-4 (मु0) विविध कार्य-23-60/2020 -1937

प्रतिलिपि:-सभी मुख्य अभियंता, ग्रामीण कार्य विभाग को सूचनार्थ एवं लगातार अनुश्रवण करने हेतु प्रेषित।

सचिव

Details of Measurement

कार्य का ब्योरा Deatail of Workl		संख्या No.	iSekbZl Measurement			मात्रा Quantity
			लम्बाई in m.	चोड़ाई In m.	In m.	
NAME OF ROAD :-		DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM NH-106 UDAKISHANGANJ SE TINTANGA				
Item No. 1	Sand Filling in ditch & breach portion of road as per Drawing & Technical Specification.					
		0	0	24	1.25	0.000
			Total (in Cum)			0.000
Item No. 2	Laying Brick Bat....					
	CH:-in 1st km.	1	0	2.25	0.60	0.000
	Less For Pipe	0	22/7x(0.6)2x2.5 (-)			0.000
			Total (in Cum)			0.000
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					
	CH:-	3	24		6	432.000
	For Bamboo pilling 1.25m		Total (in m)			432.000
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.----- km	1	0	2		0.00
	For Chachary 01 no. Bamboo=1.413 sqm	1	0	2		0.00
			Total (in sqm)			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:-	6	24			144.00
			Total (in m)			144.00
Item No. 6	Supply of Bamboo at site.					
			Total (in m)			576.00
			Total (in nos.)			96.00
						96.00
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:-	1	24	3.5	5	420.00
			24			420.00
			Total (in Cum)			420.00
	0.034m3=1 nos.					12352.94
			Total (in nos.)			12353.00
Item No. 8	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	1	1	1.000	0.00
			Total (Cum)			0.00
Item No. 9	Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).					
	Ch.0.00km	0	3	2.5		0.00
			Total (in m)			0.00

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Schedule of Quantity

NAME OF ROAD :-

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF
ROAD FROM NH-106 UDAKISHANGANJ SE TINTANGA

BLOCK :-

UDAKISHANGANJ

S.No	SOR NO	DESCRIPTION	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 mechanical means with all spreading, grading to required slope and compacted at OMC to achieve 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	432.00	m	45.86	19813.64
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	144.00	m	5.31	764.20
6		Supply of Bamboo at site.	96.00	nos.	188.39	18085.08
7	5.7.40.1	Labour filling empty cement bags with local 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	12353.00	nos.	37.05	457718.67
8	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	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.	496381.60

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Calculation of Seigniorage Fees

NAME OF ROAD :- SE TINTANGA
BLOCK :- UDAKISHANGANJ

DETAILED ESTIMATE FOR TEMPORARY RESTORATION OF ROAD FROM NH-106 UDAKISHANGANJ

S.No	SOR NO	ITEMS	QTY	UNIT	RATE	AMOUNT
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....				
		Providing and laying of Brick bat obtained from chimney with machanical 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	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				
		Sand	420.00	Cum	141.85	59577.00
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				
		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
		Cost for 300 cum = a				142652.88
		Rate psr Cum = (a)/300		Cum		475.51
			0.00	Cum	475.51	0.00
						0.00
		GSB Gr-I				
					TOTAL	59577.00
		Seigniorage Fees @10% of Basic Amount			Say	5957.70

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Analysis of Rate

Sl No.	SOR No.	Description	Unit	Qty	Rate(Rs.)	Amount (Rs.)
Carriage of materials (By Tractor)						
1	14	Cost of Haulage excluding Loading & Unloading				
	RCD	Haulage of materials by Tractor excluding cost of loading, unloading and stacking.				
		Unit = 1 km				
		Taking output 3.60 Tonne load and lead 10 km = 36.0 t.km				
		Case-I: Surfaced Road				
		Speed with load: 15 km per hour				
		Speed while returning empty: 25 km per hour				
		a) Machinery				
		Tractor 3.6 t capacity				
		Time taken for onwads haulage with load	hour	0.667	591.40	394.46
		Time taken for empty return trip	hour	0.400	591.40	236.56
		Total				631.02
		Add OH@12%				75.72
						706.75
		Rate per Ton.km				19.63
		Case-II: Unsurfaced Gravel Road				
		Speed with load: 12 km/hour				
		Speed for empty return trip: 20 km/hour				
		a) Machinery				
		Tractor 3.6 t capacity				
		Time taken for onwads haulage with load	hour	0.833	591.40	492.64
		Time taken for empty return trip	hour	0.500	591.40	295.70
		Total				788.34
		Add OH@12%				94.60
						882.94
		Rate per Ton.km				24.53
		(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	591.40	591.40
		Time taken for empty return trip	hour	0.667	591.40	394.46
		Total				985.86
		Add OH@12%				118.30
		Cost for 36.0 t.km = a+b				1,104.17
		Rate per Ton.km				30.67
2	6.6.1.	Labour for laying Brick bats /dry graded jhama khoa or stone filter under Brick Pitching or Boulder pitching in slope or apron including light ramming etc. all complete job as per approved design, specification and direction of E/I				
	WRD	Unit = Per Cum				
		Taking output= 2.832 Cum				
		a) Labour				
		Mazdoor (Unskilled)	Nos	3.00	287.00	861.00
		b) Overheads @ 12% on (a)				103.32
		Rate for 2.832 Cum				964.32
		Rate Per Cum				340.51
3	1.1	Loading and Unloading of Stone Boulder, Stone aggregate, Sand, Kankar, Moorum, Brick Bats and Sand etc.				
	RCD	Unit = Per Cum				
		Taking output= 2.25 Cum				
		Time required for				
		i) Positioning of tipper at unloading point	day	1 Min		
		ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour	day	5Min		
		iii) Maneuvering, reversing, dumping and turning for return		0Min		
		iv) Waiting time, unforeseen contingencies etc	hour	0Min		
		Total		6Min		
		a) Labour				
		Mate	day	0.03	305.00	9.15
		Mazdoor for Loading and unloading	day	0.72	287.00	206.64
		b) Machinery				
		Tractor 3.6 t capacity	Hour	0.10	591.40	59.14
		Front end loader 1 cum bucket capacity @ 25 cum per hour	Hour	0.08	1,403.00	116.45
						391.38
		Add OH@12%				46.97
						438.34

Sr	SOR	No.	Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
			1100				
			Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row.				
			Providing and Laying Reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row head walls and parapets.				
			1000 mm dia Hume Pipe	Unit=m			
			Taking Output=7.5 m				
			(3 pipes of 2.5 m length each)				
			Material				
			Sand at site	Cum	0.04	2,950.27	118.01
			Cement at site	ton	0.03	5,716.83	171.50
			RCC pipe NP3 pipe including collar at site	m	7.50	3,481.28	26,109.60
			Labour				
			Mate	day	0.09	305.00	27.45
			Mason (1 class)	day	0.25	388.00	97.00
			Mazdoor(Unskilled)	day	2.00	287.00	574.00
			Add OH@12%				27,097.57
							3,251.71
			Cost for 7.50 m =				30,349.27
			Rate per M =				4,046.57
			(Providing and laying of brick bats obtained from chimney with mechanical means with all spreading grading to required slope and compacted at OMC to achieve required density with all completed as per direction of E/I)				
			5				
			Labour				
			Cost of Labour for Piling and Light Ramming as per	day	1.00	322.27	322.27
			WRD SOR 6.6.1 (with OH)				
			Materials				
			Bricks Bats - Basic Rate Taken From RCD S.O.R. Schedule-	Cum	1	1032.00	1032.00
			M:1:1.5(iii) dt-25.02.2021				
			Overheads @12% on (b)				123.84
			Add Carriage Charge for Brick bats				44.76
			Total Cost				1,922.87
			NET TOTAL COST PER CUM				1,922.87
			SAY Rs				1,922.87
			6				
			5.7.7				
			WRD				
			Unit :- Per M				
			Taking Out put:- 30.50 Mtr				
			(Assuming 20 nos. pile sunk 1.525 mtr deep)				
			Total depth sunk 30.50 meter				
			Labour				
			(a)				
			Carpenter Cr II	Nos	1.00	388.00	388.00
			Unskilled mazdoor for piling	Nos	3.00	287.00	861.00
			Overheads @ 12%				1,249.00
							149.88
							1,398.88
							1,398.88
			Rate Per M				45.86
			alternatively including cost of G.I. wire 3.15 mm dia or nails complete job as per specification and direction of E / L.				
			7				
			5.7.8				
			Unit :- Per M2				
			Taking Out put:- 9.30 Sqm				
			(Assuming strip of 3.05x3.05 = 9.30 sqm)				
			Material				
			75 mm to 100mm long nail	kg	0.25	55.84	13.96
			Bamboo - 75mm dia to 62 mm dia				
			Bamboo @ 75mm = 3050/75 = 40.67				
			Say=41Nosx3.05=125.05M				
			Add for Lower Binder of chachari				
			10x3.75=30.50M				
			Runner @ 150mm/c=7x3.05=21.35M				
			Total length of Bamboo=176.9M				
			Total No of Bamboo=176.9/6=30No	No	30	141.50	4245

Sl No.	SOR No.	Description	Unit	Qty	Rate(Rs.)	Amount (Rs.)
		b Labour				
		Carpenter Gr II	Nos	1.00	345.00	345.00
		Unskilled mazdoor for piling	Nos	1.00	287.00	287.00
		Overheads @ 12% on labour charge (345.00+287.00)				75.84
						4,966.80
		Rate Per M2				534.06
8	5.7.8	Labour for fitting and fixing split bamboo n 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 3.15 mm dia or nails complete job as per specification and direction of E / I.				
	WRD	Unit :- Per M2				
		Taking Out put:- 9.30 Sqm				
		(Assuming strip of 3.05x3.05 = 9.30 sqm)				
		(a) Material				
		G.I. wire 3.15 mm dia	Kg	0.250	69.30	17.33
		(b) Labour				
		Carpenter Gr II	Nos	1.00	345.00	345.00
		Unskilled mazdoor for piling	Nos	1.00	287.00	287.00
						649.33
		Overheads @ 12%				77.92
						727.24
						727.24
		Rate Per M2				78.20
9	5.7.9	Labour for fitting and fixing 62mm to 75 mm dia bamboo runners in position at every vertical pile with 150 mm long nails or 38 swg G.I. wire including cost of G.I. wire or nails complete job as per specification and direction of E / I.				
	WRD	Unit :- Per M				
		Taking Out put:- 30.50 Mtr				
		(a) Materials				
		Cost of 150 mm long nails	Kg	0.50	55.84	27.92
		(b) Labour				
		Carpenter Gr II	Nos	0.13	345.00	44.85
		Unskilled mazdoor for piling	Nos	0.25	287.00	71.75
						144.52
		Overheads @ 12%				17.34
						161.86
						161.86
		Rate Per M				5.31
10		Supplying bamboo 75 mm dia 6 m to 8 m long at..... complete job as per specification and direction of E / I.				
		Taking Out put:- 115 nos				
		(a) Material				
		Supplying bamboo 75 mm dia 6 m to 8 m long (Cost of bamboo)	Nos	115	162.70	18,710.50
		Add:Carriage Charge for Bamboo				292.22
		Add Labour for laying Bamboo				340.51
						19,343.23
		Overheads @ 12%				2,321.19
						21,664.42
						21,664.42
		Rate Per each Bamboo				188.39
11	5.7.40.1	Labour for filling empty cement bags with local sand, stiching the bags and placing including supply of sutli etc. all complete as per approved design, specifications and direction of E/I				
	WRD	Unit :- Per % nos				
		Taking Out put:- 100 nos				
		(a) Supplying of Sand bags (Cost of sand and Empty cement bag)	Nos	100	8.46	846.00
		Carraige cost for Local sand (100 no. of Bags=100x0.034m3	cum	3.4	299.25	1017.45
					Total	1863.45
		(b) For filling & stiching & stacking				
		(a) Unskilled mazdoor for filling sand into bags and sewing	Nos	2	287	574.00
			Kg	0.5	19.75	9.88
		(b) Sutali			Total	583.88

Sl No.	SOR No.	Description	Unit	Qty	Rate(Rs.)	Amount (Rs.)
		(c) Labour rate for Carring & Placing to work site of E.C.Bags				
		(a) Unskilled mazdoor for carring filled bags and placing to work site				
		Total (A+B+C)=	Nos	3	287	861.00
		Add overhead chrage @12%				3308.33
						397.00
		Total Net Rs.				3705.32
		Rate per %				3705.32
		Sand Each Bag				37.05
					Say	Rs 37.05
12	5.7.40.2 WRD SOR Page 159	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				
		Unit :- Each N.C				
		Taking Out Put = 25 nos. filled E.C. Bags in each N/C				
		Cost of 25 nos of filled E.C.Bags (Vide item no. 5.7.40.1	Nos	25	37.05	926.33
		Rate each				926.33
13		Supply of Nylon Crate of size 1mx1mx1m			39.85	39.85
		Material				
		(a) Nylon Crate				39.85
		(b) Add Overhead charge @12%				4.78
		Total (a+b)				44.63
		Rate per nos.				44.63
14	11.2	Sand filling in Foundation Trenches as per Drawing & Technical Specification				
		Unit = Per Cum				
	a	Material				
		Sand(assuming 20 persent voids)	cum	1.20	141.85	170.22
	b	Labour	day	0.01	305.00	3.05
		Mate	day	0.3	287.00	86.10
		Mazdoor(Unskilled)				259.37
						31.1244
		Add overhead chrage @12%				290.494
						290.49
		total=				292.22
		Carraige cost for Local sand				582.71
		Rate per cum				

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

पत्रांक 483/अनु 0

प्रेषक,

ई० खलीकुज्जमा,
अधीक्षण अभियंता,

सेवा में,

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

मधेपुरा, दिनांक 20/04/2022

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, उदाकिशुनगंज का पत्रांक 722 अनु०, दिनांक 12.04.2022 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, उदाकिशुनगंज 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.	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

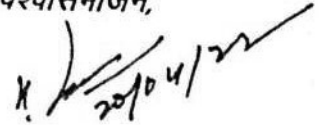
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क्र०	प्रखंड	योजना का नाम	क्षतिग्रस्त भाग की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
7.	Chausa	Construction of road from Dhaneshpur to morsanda with five years maintenance.	0.082	5.27416
8.	Chausa	Adhik Mandal Parbatta Bsabitti Ke Nikat To Sripurbasa 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

अनु०:-प्राक्कलन एक-एक प्रति में।

विश्वासभाजन,



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