अधीक्षण अभियंता का कार्यालय, ग्रामीण कार्य विभाग, कार्य अंचल, मधेपुरा। पत्रांक 622 भा मधेपुरा, दिनांक 2105-22/

प्रेषक.

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

सेवा में

मुख्य अभियंता~2, ग्रामीण कार्य विभाग, पटना।

विषय:

ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आयी बाढ़ से क्षतिग्रस्त सड़कों तथा पुलियों का प्रशासनिक स्वीकृति हेतु डी0पी0आर0 समर्पित करने के संबंध में।

प्रसंग:

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा का पत्रांक 1675 33-दिनांक 11:05: 22-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 के आलोक में कहना है कि ग्रामीण कार्य विभाग, कार्य प्रमंडल, मधेपुरा के अधीन वर्ष 2021-22 में भारी वर्षा के कारण आयी बाढ़ से क्षितग्रस्त सड़कों तथा पुलियों का कराये गये कार्य का प्रशासनिक अनुमोदन हेतु माननीय विधायक निरंजन कुमार मेहता, विधान सभा क्षेत्र, बिहारीगंज के पत्रांक 75, 78 दिनांक 26.09.2021 एवं जिला पदाधिकारी, मधेपुरा का ज्ञापांक 2908 दिनांक 09.10.2021 के आलोक में प्रशासनिक अनुमोदन हेतु 13 योजनाओं का डींग्पी0आर0 तकनीकी स्वीकृति के उपरान्त इस पत्र के साथ संलग्न कर समर्पित की जाती है, जो निम्न प्रकार है।

		म म जाना जरा न नर राजा सा नत जाता है,		
				तकनीकी
गर्गंट	भग्यंत्र्य	गोजना का साम		स्वीकृति की
ячч	ячч	पाणामा प्रानाम	लम्बाई	राशि
			(KM)	(Lakh)
		Parmanandpur Panchayat Ke		
Murliganj	FDR	Ward No-10 Me PMGSy Road	0.880	22.21221
4 2	i i	Se Brahmsthan Rahta tola tak.		90 (800 G)
	12	Khari Dakshinabri tola MMGSY		*
Murligani	FDR	Road Se Kabir Asram	0.380	* 8.99097
		Parmanandpur tak.		
	EDD	Ratanpatti More Se Manhara	0.541	11 10202
Murliganj	FDK	PMGSY Nahar.	0.541	11.10203
		Raghunathpur Ward No-06 Me		
Murligani	FDR	Kameshear Yadav Ke Ghar Se	0.596	17.27885
Maringary		Kailash Yadav Ke Ghar tak.		
		Ratanpatti Ward No-02	0.250	14.220.00
Murliganj	FDR	Mahadalit tola Se S.H91 tak.	0.250	14.32069
		Pokhram Me Dularchand		
Murligani	FDR		0.798	20.64189
Murngan	intiligani	Bajrangwali Asthan tak.		
	प्रखंड	प्रखंड प्रखंड Murliganj FDR Murliganj FDR Murliganj FDR Murliganj FDR Murliganj FDR	प्रखंड प्रखंड योजना का नाम Parmanandpur Panchayat Ke Ward No-10 Me PMGSy Road Se Brahmsthan Rahta tola tak. Murliganj FDR Road Se Kabir Asram Parmanandpur tak. Murliganj FDR Ratanpatti More Se Manhara PMGSY Nahar. Raghunathpur Ward No-06 Me Kameshear Yadav Ke Ghar Se Kailash Yadav Ke Ghar Se Kailash Yadav Ke Ghar tak. Murliganj FDR Ratanpatti Ward No-02 Mahadalit tola Se S.H91 tak. Pokhram Me Dularchand Vishwas Ke Ghar Se	Murliganj FDR Parmanandpur Panchayat Ke Ward No-10 Me PMGSy Road Se Brahmsthan Rahta tola tak. Murliganj FDR Road Se Kabir Asram Parmanandpur tak. Murliganj FDR Ratanpatti More Se Manhara PMGSY Nahar. Raghunathpur Ward No-06 Me Kameshear Yadav Ke Ghar Se Kailash Yadav Ke Ghar tak. Murliganj FDR Ratanpatti Ward No-02 Mahadalit tola Se S.H91 tak. Pokhram Me Dularchand Vishwas Ke Ghar Se 0.798

P.T.O.

ক্র0	प्रखंड	प्रखंड	योजना का नाम	क्षतिग्रस्त मागं की लम्बाई (KM)	तकनीकी स्वीकृति की राशि (Lakh)
7.	Murliganj	FDR	Ganganpur Panchyat me PMGSY Sadak Se Kali tola tak.	0.397	12.28615
8.	Murliganj	FDR	Parmanandpur Panchayat Ke Ward No-10 Me PMGSY Road Se Ganesh Gupta Ghar tak.	0.053	1.48789
			Dinapatti Panchayat Ke Ward		
9.	Murliganj	FDR	NO-05 Me Sanjay Yadav Ke Ghar Se Boku Yadav Ke Ghar tak.	0.104	2.92421
10.	Murliganj	FDR	Gangapur Panchayat Ke Ward No-11 Ke Upendra Yadav Ke Ghar Se Mahadalit tola tak.	0.244	5.18674
11.	Murliganj	FDR	Raghunathpur Ward No-08 Me Bhumi Das Ke Ghar Se Murho tola tak.	0.910	29.26569
12.	Murliganj	FDR	Raghunathpur Ward No-07 Me PMGSY Road Se Durga Asthan tak.	0.216	15.45514
13.	Murliganj	FDR	Belo Chandadh Se Chatra Kantahi.	0.910	27.52292

अनु0:-प्राक्कलन एक-एक प्रति में।

विश्वासमाजन,

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 BIHAR MADHEPURA MURLIGANJ MADHEPURA

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM RAGHUNATHPUR WARD NO-7 ME PMGSY ROAD SE DURGA ASTHAN TAK

Actual Length of Road	=	0.525 Km
Flood affected Length of Road	=	0.216 Km
TOTAL COST OF PAVEMENT	Rs	15,45,513.80
TOTAL PROJECT COST	Rs	15,45,513.80

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 :-

Matheoura

2 Name of Block :-

3 Name of Road :-

Rafunathour warknown me p.M.c.s. & Road se Durga Sthan tak

A. For Road

1 Damage Location/Chainage: Odr 600, 60 do 105m, 105 to 128m, 125m to 155, 155 to 220, 220 dt 525

- 0.216 KM

2 Damage Length:-3 Nature of damage :-

4 Details of Restoration Works :- ...

Briles bats, localsond, consultate, bamboo

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:-

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 :-
- ii Procedure taken up in Restoration works :-
- iv Restored Length:-

कार्य दांबीधजाव पापा गणा।

(Name of inspector)

Page 1 of 1

-:तकनीकी प्रतिवेदन:-

अंचल का नाम:— मधेपुरा योजना शीर्ष:— 3054 एफ.डी.आर.

प्रमण्डल का नाम:- मधेपुरा।

पथ का नाम:-Ragunathpur ward no 7 me PMGSY Sadak se Durga mandir tak पथ की लम्बाई:-0.525 कि.मी.

निर्मित / निर्माणाधीन पथ का शीर्ष:-...... प्राक्कलित राषि:- रू० 15.455 लाख

प्रस्तुत प्राक्कलन वर्ष 2021 में आई अप्रत्याषित अतिवृष्टि एवं बाढ़ के कारण Ragunathpur ward no 7 me PMGSY Sadak se Durga mandir tak 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 विमाग/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। साननीय विद्यापक निर्वेषन कुमार मेंश्ता का प्रमंक -75, कि 20/0/14 एवं कितापन्न कि का ज्ञापोक २९७४ हिए ९/१७/४०४ के अनुष्टां के आलोक में

मिन्य अभियंता ग्रामीण कार्य विभाग कार्य प्रषाखा मुरलीगंज

सहायक अभियंता ग्रामीण कार्य विभाग कार्य अवर प्रमण्डल,मुरलीगंज 100 (A)

कार्यपालक अभियंता ग्रामीण कार्य विभाग कार्य प्रमण्डल, मधेपुरा।

SUMMARY OF COST ESTIMATE FOR THE PROJECT

DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF

ROAD FROM RAGHUNATHPUR WARD NO-7 ME PMGSY

NAME OF ROAD :- ROAD SE DURGA ASTHAN TAK

DIVISION: MADHEPURA

BLOCK: MURLIGANJ

Actual Length of Road :- 0.525 Km

Flood Affected Length of Road :- 0.216 Km

Sr.	Description	Amount (In Rs.)
No.		* x
1	Total Cost of Restoration=	13,09,698.30
2	Add:-Labour Cess @1% amt. =	13,096.98
3	Add:GST@12% on amt. =	1,57,163.80
.4.	Add:S.F.@ 10% on Material (Brick Bats) =	65,554.72
	TOTAL RESTORATION COST OF THE PROJECT IN LACS	15,45,513.80

Say BE 15,45,514

Junior Engineer

RWD (W) Division, Madhepura

Ding Lillon

Assistant Engineer RWD (W) Division,Madhepura

and the second of the second o

30

Executive Engineer
RWD (W) Division, Madhepura

Technically sanctioned for \$ 15,45,514.00/50 Fifteen Lacs fourty five thousand five hundred fourteen only.

Nelson

Estimating Officer
Rural Work Department
Work Circle, Madhepura

n /2/05/22

Superintending Engineer Rural Works Department Works Circle, Madhepura

Details	of Meas	uremen	t		
कार्य का स्पौरा	रोखग		Measurem	ent	
Deatall of Workl	No.	लम्बाइ in m.	चाड़ाइ In m,	In m.	मात्रा Quantity
DETAILED ESTIMAE	FOR TEMP	RORVEE	STODATI	ONORPO	AD ERON
NAME OF ROAD :- RAGHUNATHPUR W	ARD NO-7	ME PMGS	V ROAD S	E DUDCA	A STITAN
l l		OF A RES			73.53 11217
tem No. 1 Sand filling in Foundation Trenches as	per Drawing 8	Technical S	necification		-
		r roominoui c	pocincation		9
Ch:-In	1 1	30	3.65	0.075	8.213
Ch:-In Ch:-in	111	29	3.65	0.075	7.939
Ch:-in	11	26.85	4.05	0.075	8,156
Ch:-in	11	11.89	2.43	0.075	2.167
011, 111	1_1_	12	4.26	0.075	3.834
tem No. Providing and laving of Brick hat obtain	adding 11		Total (In Cu	im)	30.308
	ea trom chimi	ney with mac	henical mea	ns with all	
2: Laying spreading, grading to required slope ar density with all complete as per the direction in the complete as per the direction.	or compacted	at OMC to a	cheive requi	ired	
Ch:-in 0 to 60	LUCITOT engir	eer in charge		1.5	a .
	+	24.39	3.65	0.250	22.256
Ch:-in 60 to 105	1	26.85	4.05	1.520	165,289
	1	11.89	2.43	0.150	4.334
Ch:-in 105 to 125	- 11.55	9.00	2:43	0.175	3,827
Ch:-in 125 to 155	11	12.00	4.30	2.200	113.520
	1	13.00	3.65	2.150	102.018
Ch:-in 155 to 220	1	30.00	2.43	0.250	
	1	12.00			18,225
	2	22.00	0.60	0.450	3.240
Ch:-in 220 to 525	1	21.64	0.60 3.65	0.450	11.880
	1 1	3.00	2.43	2.100 0.150	165.871
	2	9.00	0.60	0.130	1.094 2.160
	1	21.00	4.00	0.200	12.600
		215.77	1.00	0.100	626.312
		1 2.0.71	Total (ii	o Cum)	
tem No. 3 Labour for cutting 62mm to 75 mm dia	bamboo piles	to size and	making shoe	e and	626,312
juliving etc. complete job as per specific	cation and dire	ection of F/I	making silve	s and	
CH:-in	1 1	95.00		2.13	202.350
	1	58.00		2.13	123.540
For Bamboo pilling 1.25	ōm		Total (In m)		325.890
em No. 4 Labour for fitting and fixing Split bambo	o woven cha	chari in positi	on with 20 s	waGI	020,000
wre or 75 mm to 100 mm long nails att	ematively incl	uding cost of	f G L wire or	nails	-
complete job as per specification and d	lirection of E/I			1,0.10	VI -
Size 6m*2r		21.64	2		42.20
For Chachary 01 no.(6m) Bamboo=1.413 so		25	2		43.28 50.00
*			otal (in sqn	n)	93.28
			(in m)	/	398.09
em No. 5 Labour for fitting and fixing 75 mm dia	bamboo runr	ers in positio	n at every v	ertical	396.09
pole with 150 mm long nails or 38 swg	G.I. wire inclu	ding cost of	G.I wire or n	alls	
complete job as per specification and d	lirection of F/		-	200	15
CH:-In	3	25.00		T	75.00
CH:-in	3	21.64		1	64.92
			Jotal (in m	1	139.92
em No. 6 Supply of Bamboo at site,		٠	~ Sear (III III	·	130.07
and the state of t	1	T	Total (In m	1	004.00
		 .	Total (in m		861.90
		1	Total (In nos	5.)	143.65
			1	~	144.00

Item No. 8 Providing laying and filling Geo bags of size fm 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) 1 0 0 0 (0.07m3=1 no. of Geo Bags)	Total (in cum) 34.50 34m3=1 no. of EC Bags) Total (in nos.) Iding, laying and nilling Geo bags of size 1m x 0.7 m(1ype A 300 GSM nonwoven) In the of bags 420g volume of filled bag 0.07m3, weight of filled Geo bags 126 Kg with sand including stitching in four lines by approved nylon thread with stitching and generator stacking and placing after loading unloading and carriage with of trolley within 150m lead all complete as per specifications and direction of E/I unding Carriage of Local sand lead 0.5 km) 1 0 0 0 0.00 Total (in nos.) 7m3=1 no. of Geo Bags) Total (in nos.) Total (in nos.) 7 Total (in nos.) O.00 Adding in uniform layers with tractor mounted graded material, ared surface, mixing by mix in place method with rotavator at OMC, and pacting with smooth wheel roller to achieve the desired density, ollete as per Technical Specification Clause 401.(Gr-II Material)	Total (in cum) 34.50 (0.034m3=1 no. of EC Bags) Total (in nos.) Total (in nos.) Total (in nos.) Total (in nos.) 1015.00 Item No. 8 Providing laying and nilling Geo bags of size mr. V. 7 mr (1ype 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) 1 0 0 0 0.00 (0.07m3=1 no. of Geo Bags) Total (in nos.) O.00 (0.07m3=1 no. 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.(Gr-II Material)	CH:-in	n of F/I	25,00	0.5	1.500	18.75
tem 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) 1 0 0 0 (0.07m3=1 no. of Geo Bags)	Total (in nos.) Iding, laying and filling Geo pags of size Tim X U.7 m(Type A 300 GSM nonwoven) Into of bags 420g volume of filled bag 0.07m3, weight of filled Geo bags 126 Kg with sand including stitching in four lines by approved nylon thread with stitching nine and generator stacking and placing after loading unloading and carriage with of trolley within 150m lead all complete as per specifications and direction of E/I adding Carriage of Local sand lead 0.5 km) 1 0 0 0 0.00 Total (in nos.) Total (in nos.) Total (in nos.) O.00 Total (in nos.) Total (in nos.) O.00 Struction of granular sub-base by providing well graded material, and in uniform layers with tractor mounted grader arrangement on a lated surface, mixing by mix in place method with rotavator at OMC, and contacting with smooth wheel, roller to achieve the desired density, ollete as per Technical Specification Clause 401.(Gr-II Material)	tem No. 8 Providing, laying and miling 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) 1 0 0 0 0.00 (0.07m3=1 no. of Geo Bags) Total (in nos.) Total (in nos.) Total (in nos.) 0.00 tem No. 9 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.(Gr-II Material)	CH:-In	1	21.00	0.5	1,500	15.75
tem No. 8 Providing, laying and nilling Geo bags of size 1m x u.7 m(1ype 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) 1 0 0 0 (0.07m3=1 no. of Geo Bags)	Total (in nos.) 1015.00	tem No. 8 Providing, laying and filling Geo pags of size fm x u.7 m(1ype 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) 1 0 0 0 0.00 (0.07m3=1 no. of Geo Bags) Total (in nos.) 7 otal (in nos.) 0.00 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. (Gr-II Material)			Total (in cum)		34.50
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) 1 0 0 0 (0.07m3=1 no. of Geo Bags)	ht of bags 420g volume of filled bag 0.07m3. weight of filled Geo bags 126 Kg with sand including stitching in four lines by approved nylon thread with stitching nine and generator stacking and placing after loading unloading and carriage with of trolley within 150m lead all complete as per specifications and direction of E/I uding Carriage of Local sand lead 0.5 km) 1 0 0 0 0.00 7m3=1 no. of Geo Bags) Total (in nos.) Total (in nos.) O.00 Struction of granular sub-base by providing well graded material, adding in uniform layers with tractor mounted grader arrangement on aread surface, mixing by mix in place method with retavator at OMC, and pacting with smooth wheel roller to achieve the desired density, blete as per Technical Specification Clause 401.(Gr-II Material)	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) 1 0 0 0 0.00 (0.07m3=1 no. of Geo Bags) Total (in nos.) O.00 Total (in nos.) Total (in nos.) O.00 Total (in nos.) Total (in nos.) O.00 O.00 O.00 Total (in nos.) O.00 O.0	(0.034m3=1 no. of EC B	lags)				1014,71
(0.07m3=1 no. of Geo Bags)	7m3=1 no. of Geo Bags) Total (in nos.) Total (in nos.) O.00 Struction of granular sub-base by providing well graded material, adding in uniform layers with tractor mounted grader arrangement on ared surface, mixing by mix in place method with rotavator at OMC, and pacting with smooth wheel roller to achieve the desired density, ollete as per Technical Specification Clause 401.(Gr-II Material)	(0.07m3=1 no. of Geo Bags) Total (in nos.) O.00 In the No. 9 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 retavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.(Gr-II Material) 1 0 3.75 0.200 0.00	local sand including stitch machine and generator s help of trolley within 150m	the of filled bag 0.07m3. Ing in four lines by approtacking and placing after the page 21 complete at	weight of filled oved nylon three	300 GSM non Geo bags 126 ad with stitchi	6 Kg with	1015.00
Total (in man)	Total (in nos.) Total (in nos.) O.00 Struction of granular sub-base by providing well graded material, adding in uniform layers with tractor mounted grader arrangement on acred surface, mixing by mix in place method with rotavator at OMC, and bacting with smooth wheel roller to achieve the desired density, ollete as per Technical Specification Clause 401.(Gr-II Material)	em No. 9 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.(Gr-II Material) 1 0 3.75 0.200 0.00		1	0	0	10	0.00
Total (in man)	Total (in nos.) O.00 Struction of granular sub-base by providing well graded material, adding in uniform layers with tractor mounted grader arrangement on acred surface, mixing by mix in place method with rotavator at OMC, and pacting with smooth wheel roller to achieve the desired density, blete as per Technical Specification Clause 401.(Gr-II Material)	tem No. 9 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 retavator at OMC, and compacting with smooth wheel, roller to achieve the desired density, complete as per Technical Specification Clause 401.(Gr-II Material) 1 0 3.75 0.200 0.00	(0.07m3=1 no. of Goo B	lacal				0.00
Total (in nos.)	ading in uniform layers with tractor mounted grader arrangement on ared surface, mixing by mix in place method with retavator at OMC, and pacting with smooth wheel roller to achieve the desired density, blete as per Technical Specification Clause 401.(Gr-II 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.(Gr-II Material) 1 0 3.75 0.200 0.00	1 110. 01 000 B	ags)				0.00
am No. 9 don't di	pacting with smooth wheel roller to achieve the desired density, plete as per Technical Specification Clause 401 (Gr-II Material)	compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.(Gr-II Material) 1 0 3.75 0.200 0.00	em No. 9 Construction of granular s	sub-base by providing w	all and deal			0.00
compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401 (Gr-II Material)	1 0 3.75 0.200 0.00	7.1.10	Isprescipt in uniform face	DV MIX ID DISCO MOBANI	المراجع والمستحدث الطاباتون	1.00		
1 0 375 0 200	0.00	em No. 1 Providing and Laving Reinforced Compat Constant Richard Pin 199	prepared surface, mixing compacting with smooth	Wileel Foller to achieve t	the decired de-	ial)	· · · ·	90 F E
	Total (Cum) 0.00	Pow/1000mm Dia)	prepared surface, mixing compacting with smooth	Wileel Foller to achieve t	the desired der 01.(Gr-II Mater	ial) 3.75	0.200	0.00
tem No. 1 Providing and Laying Reinforced Cement Concrete Pipe NP3 as per design in Single Row(1000mm Dia).	1000mm Dia).		prepared surface, mixing compacting with smooth complete as per Technica lem No. 1 Providing and Laying Reii Row(1000mm Dia).	al Specification Clause 4	the desired der	ial) 3.75	0.200	
tem No. 1 Providing and Laying Reinforced Cement Concrete Pine NP3 as not degine in Circle	1 0 2.5 0.00	1 0 2.5 0.00	prepared surface, mixing compacting with smooth complete as per Technica lem No. 1 Providing and Laying Rei Row(1000mm Dia).	al Specification Clause 4	the desired der 01.(Gr-II Mater 0 te Pipe NP3 as	al) 3.75 To per design in	0.200 otal (Cum) Single	0.00

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Schedule of Quantity

NAME OF ROAD :- FROM RAGHUNATHPUR WARD NO-7 ME PMGSY ROAD SE

BLOCK :-

MURLIGANJ

S.No	SOR NO	DESPIRATION	(8)			(3)
1	301,5	DESRIPTION OF ITEMS Sand filling in Foundation Trenches as per Drawing & Technical Specification	QTY	UNIT	RATE	AMOUNT
_		Technical Specification	30,31	Cum	582.71	17680.84
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.	626.31	Cum	1922.87	1204317.00
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	325.89	m	45,86	14946.92
. 15		Labour for fitting and fixing paint				A 8 8 9 80 10 10
4.	5.7.8	long nails alternatively including cost of G.I. wire or nails complete job as per specification and direction of G.I.	93.28	sqm	78.20	7294.34
5	5.7.9	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 iob as per specification and direction of F.I.	139,92	m	5.31	742.55
6		Supply of Bamboo at site.	144.00	поѕ,	188.39	27127,62
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	1015,00	nos.	37.05	37609.04
8	- S.	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.	1309698.30

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Calculation of Seignlorage Fees

NAME OF ROAD :- DETAILED ESTIMAE FOR TEMPRORY RESTORATION OF ROAD FROM RAGHUNATHPUR WARD NO-7 ME PMGSY ROAD SE DURGA ASTHAN TAK

BLOCK :- MURLIGANJ

No	SOR NO	DESRIPTION OF ITEMS	QTY	UNIT	RATE	AMOUNT
1/1	12.3	Sand filling in Foundation Trenches as per Drawing &				
1/1		Technical Specification	00.04	Cum	141.85	4299.17
2/2	A/R_	Providing & laying Brick Bat	30.31	Cuni	141.00	
	ii	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	626.31	Cum	1032.00	646354.22
3/7	5.7.40.1	Labour filling empty cernent 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			414.05	4893.83
		Sand	34.50	Cum	141.85	4093.03
4/8	5.7.40.2	Providing, laying and filling Geo bags of size 1m X 0.7 in (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)			an and a	
_		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)				
-	-10	Unit = Cum				
-	<u> </u>	Taking output = 300 cum				
		Coarse graded granular sub-base material as per Table 400.2				00055 60
-		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
_		9.5 mm to 2.36 mm to 2.5 persons	108.00	Cum	185.94	20081.52
	* *	2.36 mm below @ 30 percent (coarse Sand Screening)				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	17.=		TOTAL	655547.22
		Seigniorage Fees @10% of Basic Amount			Say	65554.72

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