Inspection Report For Flood Damage Work

Date:

1 Name of Plus: E.E. R.W.D., WORKS DVISION, GOPALGANJ. 2

2 Name of Block/Road: BARAULI | MIRZAPUR TO MOHODIPUR PAKARIYA

A For Road

1 Damage Location / Chainage: 1200 to 1700

2 Damage Length: 71.30 M

3 Nature of Damage: Beaches Develops due to flood.

4 Details of Restroration Works:

i. Material being used in Restoration Works: Boicks Bats Used.

ii Equipments / Tools being used in Restoration Works: JCB, Tractor and Manspower

iii Procedure taken up in Restoration Works: As per SOP

iv Restored Length: 71.30M

B For Bridge

Damage Location / Chainage:

2 Damage Length:

3 Nature of Damage:

4 Details of Restroration 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:

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02317

Signature 20 25

(Name of Inspector)



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

FLOOD DAMAGED REAPIR (F.D.R)

STATE :- BIHAR

DISTRICT :- GOPALGANJ

BLOCK :- BARAULI

Motorable work of Mirzapur to Mohaddipur Pakariya Estimated Cost :- Rs 1904886.00

Submitted By: -

Executive Engineer Rural works Division Gopalganj – 2

STATEMENT OF CASE

me of Work :- Motarable work Mirzapur to Mohaddipur Pakariya

stimated Cost :- Rs. 1904886.00

ength :- 4.775 KM

<u>lescription:</u> The estimate has been framed under the supervision of Assistant Engineer in accordance with the order of Executive Engineer, RWD Work Division Gopalganj – 2, letter No. -1574 dated 18.08.2020. The part of above mentioned road has been damaged due to heavy rain /flood and due to this reason damage the transportation facility has been obstructed. At the frist time flood period damged the road at a specific location then moterable work completion of damgad part of road again damged at the same location by the 2nd time the flood. The immediate Motorable work is necessary to public interest /district administration for interest of Election commission. Villagers and transport facility will be benefitted by the completion of this Motorable work. In the Estimate there has been a provision of repairing the damaged part

of the road & making it Motorable by filling of Brickbats etc. In the context of post flood scenario there is still the flow of water which prevails through the damaged part of road.

In this estimate the rate of raw material and labour wages has been prepared after the analysis of new rate. This estimate is as per the specifications. The estimate is submitted for technical and administrative acceptance.

J.E.

A.E.

(2) 13/9/VO E.E.

PDF Compressor Free MORES IS TIMATE FOR MOTORABLE WORK

Nork :- Motarable work Mirzapur to Mohaddipur Pakariya

4.755 KM

Description of Item	Chainage			Length	Avg. width	Avg.		Unit	Unit rate	Amount
	From	То	No.	(M)	(M)	Depth (M)	Qty	Unit	(In Rs.)	Amount
roviding brick bats filled ditches including all ost of material and labour hall respect complete the ob as per direction of Engineer in Charge.		1700	1	29.70	(4 80+3.70)/2	4.70	593.26	Cum		
			3	7.80	(4.4+3.50)/2	2.10	64.70	Cum		
			1	9.00	3.70	1.50	49.95	Cum		
			١,	36.00	(2.15+1.50)/2	1.05	68.99	Cum		16 7 6 6 1
				30.00	Total Qty		776.89		2427.65	1886025.51
					Add labour Cess 1%			18 7 3 9 2		
	-								Total =	1904886-00
							_			189268

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Technically Approved for Ro 18.927 lee (plupes Eighteen len. Minety Two Thousand & Soven Hymornal) only

Superintending Line Net.

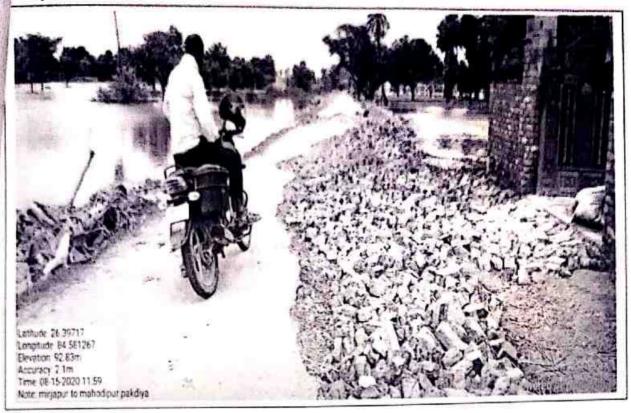
R W D Work, Circle-Siwan

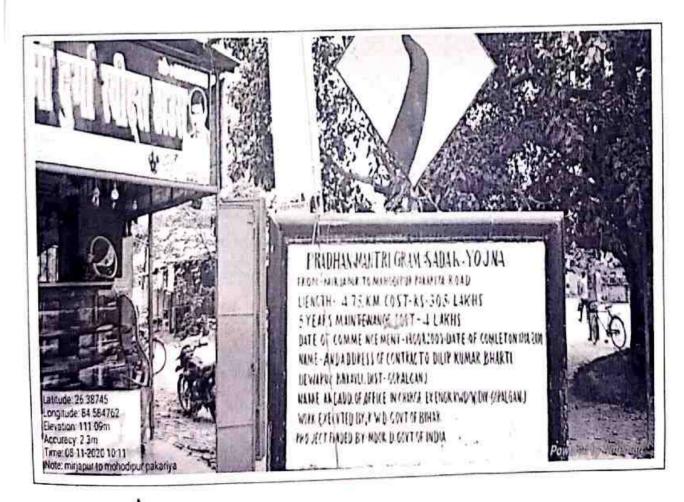
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SoR (12.9)	Labour for Filling Sand Bag, Stitching and direction of E/L.	- Complete as per specification				
	Unit - Per Bag					
	Taking Output = 750 Bag	-				
	Unskilled Mazdoot	15		287.00	4305.00	
	Add 6% Overhead Charges				258.30	
	Rate for 750 Bag				4563.30	
	Mazdoot Rate per Bag (Rs.) -				6.08	
,4 RCD	Cost of Haulage Excluding Loading and Unic	GF 9		v vovena		
	Haulage of materials by Tractor exclusions:		ming an	d stacking.		
	Unit = 1.km					
	Taking output 3.60 tonnes load and lea					
	(i) Surfaced Road					
	Speed with load 15 km / hour.					
	Speed while Returning em tv .25 i					
	a) Machinery.					
	Tractor 3.6 tonne capacity				447.05	
	Time taken for onward haulage vall			549.10	366.25	
	Time taken for empty return trip.		700	549.10	219.64	
	b) Overhead charges @ 0.06 on (%)				35,15	
	cost for 36 t km = a+b+c				621.04	
	Rate per t.km = (a+b+c)/3				17.25	
7	Say Rs				17.25	
			-			
	(iii) Katcha Track					
	Speed with load: 12 km / trans	E 40				
	Speed for empty return trip (20 km / to	-		_		
	a) Machinery					
-	Tractor 3.6 tonnes capacity			- 10.40	549.10	
-	Time taken for onward had alone to		172	549.10	366.2	
1	Time taken for empty return that			549.10	54.9	
-	b) Overhead charges @ 0.00 on (a)				970.2	
-	Cost for 36 t .km =					
	Rate per t.Km =				26.9	
	Say Rs				26.9	
				d /Kanker/	Moorum	
1.1 R	CD Loading and Unloading 1 Stone			1 turning	for return trip	
1	Placing Tractor at loan excluding for haulage and					
	Unit = cum					
1	Taking output = 2.25 cum				-	
-	Time required for				4	
	i) Positioning of Tractor					
-	u) Loading by front end i					
1	bucket capacity @ 25			-	-	
	iii) Maneuvering, rever-					
	turning for return			-		
	iv) Waiting time, unforce					
-	contingencies etc					
	Total			-		

.1 RCD	Loading and Unloading of Stone Boulder/ Stoneaggregates/Sand /Kanker/Moorum Placing Tractor at loading point, loading with frontloader, dumping, turning for return trip, excludingfor haulage and return trip							
	Unit = cum	l I	- Т					
	Taking output = 2.25 cum							
	Time required for							
	i) Positioning of Tractor at loading point		1 Min					
	ii) Loading by front end loader 1 cum bucket capacity @ 25 cum per hour		5 Min					
	iii) Maneuvering, reversing, dumping and turning for return		0 Min					
	iv) Waiting time, unforeseen contingencies etc		0 Min					
	Total		6 Min					
	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 3.60 tonnes capacity	hour	0.1	549.10	54.91			
	Front end-loader 1 cum bucket capacity @ 25 cum/hour	hour	0.083	1403.00	116.45			
	c) Overhead charges @ 0.06 on (a+b)				23.23			
	Cost for 2.25 cum = a+b+c				410.38			
	Rate per cum = (a+b+c)/ 2.25				182.39			
lote:-	Unloading will be done manually.							
1.	Providing Brick flilling in ditches inclu	ding all cos	t of labour and	materials				
A.	Basic Rate of Brick Bats	Per Cum		1017.00	1017.00			
	Add overhed Charges		6%		61.02			
	Total -				1078.02			
	Surface Lead	KM	7					
	Unsurface Lead	KM	1					
	Factor (3.6/2.25)	Cum	1.60					
	Carriage (with OH)							
В.	(1.6 x 7 x 17.25) + (1.6 x 1 x 21.55) + 182	2.39			410.07			
C.	Cost of Labour for Pitching and Light Ramming as per WRD SOR 6.6.1 (with OH)				383.15			
D.	0 to the seefst @ 10 % on (A+B+C)				187.12			
	Contractor profit @ 10 % on (A+B+C) Total (A+B+C+D) -				2058.38			
	Add 1% Labour Cess (A+B+C)	-11-5			20.58			
					247.0			
	Add 12% GST (A+B+C) Add 10% cost of Material for Seigniorage	Fee	1	101.70	101.70			
-				Rs	2427.6			
	Total Cost per Cum							

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23.09 Pm



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