

Inspection Report for Flood Damage Work

Date:

1. Name of PIUs - EE RWD MAHNAR

2. Name of Block/Road - Muradabad to milki Japraha - (Jandaha)

A. For Road

1. Damage Location/Chainage : 1260m to 1310.00m till
2. Damage Length : (10 + 40)
3. Nature of Damage : From Floor
4. Details of Restoration Works : Bricks, bats, W.S.B & Plaster.
 - 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 :

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 :
 - iv. Restored Length :

Signature of JE/AE/EE

Signature कार्यपालक अभियंता
ग्रामीण कार्य विभाग
(Name of Inspector) कार्य प्रमंडल, महुआ

प्रतिवेदन

योजना का नाम :- Muradabad to Milki japaraha पथ में बाढ़ से क्षतिग्रस्त भाग में यातायात चालू करने का कार्य

प्रखंड:- जन्दाहा

पथ की लम्बाई:- 3.83km

क्षतिग्रस्त पथ:- कुश्हर- जन्दाहा R.C.D रोड के पश्चिम CH 1300 Mitter है ।

सलग्न प्राक्कलन अगस्त माह में जन्दाहा प्रखंड में आई भीषण बाढ़ से क्षतिग्रस्त पथ Muradabad to milki japaraha में बाढ़ से क्षतिग्रस्त भाग की मरम्मती F. D. R मद से कर यातायात चालू करने हेतु तैयार किया गया है, जिसकी प्राकलित लागत

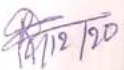
रुपये 8.95 Lacs (Rs. two lakh ninety five thousand only) है।

उक्त पथ का निर्माण MMGSY योजना अंतर्गत हुआ है, एवं योजना अनुरक्षण अवधि में है ।

पथ के कटे (क्षतिग्रस्त) भाग में अवश्यकतानुसार Bricks-bats, Rabbish, GSB एवम् मिट्टी भरने का प्रावधान किया गया है Sub base क्षतिग्रस्त होने के कारण आवागमन बाधित हुआ है।

जनहित में प्राक्कलन की तकनीकी अनुमोदन तथा प्रशासनिक स्वीकृति अपेक्षित है, प्राक्कलन में लिया गया दर सम्बेदक लाभांश छोड़ कर है ।

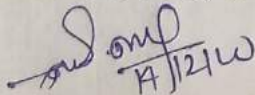
. स्वीकृति की प्रत्याशा में कार्य प्रारम्भ कर दिया गया है, तथा आवागमन चालु कर दिया गया है ।



कनीय अभियंता

ग्रामीण कार्य विभाग

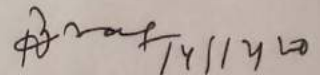
कार्य प्रशाखा, जन्दाहा



सहायक अभियंता

ग्रामीण कार्य विभाग

कार्य अवर प्रमंडल जन्दाहा



कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमंडल, महनार

GENERAL ABSTRACT OF COST

Restoration of Road from Muradabad To Milki Japarha

NAME OF ROAD :

Vaishali

DISTRICT

Jandaha

LOCK

0.05

LENGTH OF ROAD (in Km)

Sl. No.	DESCRIPTION	AMOUNT (LAKHS)
1	SUPPLYING FILLING BRICK BAT COMPACTED MANUALLY	1.376 1.376 1.630
6	EARTH WORK	0.496
7	GRANULAR SUB-BASE WITH WELL GRADED I MATERIAL (TABLE 400.1)	0.724
	SUB TOTAL OF PAVEMENT COST IN LACS =	2.596 2.596
	TOTAL COST OF CONSTRUCTION IN LACS =	2.596
(A)	Total Cost of Road Project	2.596 2.596 3.05
	Add Seigniorage Fee	0.000
	Add CST @ 12% on (A)	0.324 0.324 0.366
	Add Cess @ 1% on (A)	0.026 0.026 0.031
	Grand Total	2.946 2.946 3.447

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J.E.

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A.E.

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E.E.

T/A 6032 B 3.447 Lacs

T/A 6032 B 3.447 Lacs
thousand
Gr 3.792 (three thousand seven hundred and ninety two)
HA 6032 B 3.792 (three thousand seven hundred and ninety two)

Superintending Engineer
W.D. WORKS CIRCLE
MUZAFFARPUR

Superintending Engineer
R.W.D. WORKS CIRCLE
MUZAFFARPUR

T/A for 2.447 ha (three ha forty four
thousand seven hundred) only.
certified copy

sd/

26.12.20
Sub-Inspector
Milki Japari
26.12.20

NAME Restoration of Road from Muradabad To Milki Japarha

District Vaishali
Block Jandaha

Sl No.	Reference to MORD	Brief Description of Item	No.	Measurements			Unit	Quantity	Rate (Rs)	Amount (Rs)
				L (m)	B (m)	D (m)				
1		Supplying Filling Brick Bat Compacted Manually								
		Supplying Filling Brick Bat Compacted Manually by CI Hammer including all complete job.								
		Full Length - 10.0 M	1	10.0	4.50 Avg	2.00	cum	90.00	1528.75	137,587.68
		Total					cum	90.00		
2		Construction of Subgrade & Earthen Shoulder								
		Construction of subgrade & earthen shoulders with approved material obtained from borrow pits with all lifts and lead, transporting to site, spreading, grading to required slope and compacted to meet requirement of Tables 300.2 with lead upto 1000m as per Technical Specification Clause 301.4.1								
		Both Side	2	10	2.500	1.50	cum	75.00		
		One Side	2	40	1.500	1.00	cum	120.00		
		One Side	1	25	1.125	0.65	cum	18.28		
		One Side	1	30	1.000	0.50	cum	15.00		
		One Side	1	15	1.125	0.45	cum	7.59		
		One Side	1	30	1.125	0.45	cum	15.19		
		One Side	1	40	1.125	0.40	cum	18.00		
		One Side	1	25	1.125	0.30	cum	8.44		
		One Side	1	20	1.125	0.45	cum	10.13		
		One Side	1	25	1.125	0.45	cum	12.66		
		One Side	1	15	0.800	0.60	cum	7.20		
		One Side				Total	Cum	307.48	161.18	49,559.95

2037=34 183000=60

Granular Sub-base with Well Graded									
Construction of granular sub-base by providing well graded material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401 (For Grading I Material)									
1	10	3.75	0.15	cum	5.63				
2	40	1.50 Avg	0.15	cum	18.00				
			Total	Cum	23.63	3064.80		72.405.90	
					TOTAL COST		259,553.53		

14/12/20

Junior Engineer

R.W.D. Works Section, Mahnar

14/12/20

Asstt. Engineer

R.W.D. (W) Sub Division, Mahnar

14/12/20

Executive Engineer

R.W.D. Works Division, Mahnar

QUARRY CHART

RESTORATION OF ROAD FROM MURADABAD TO MILKI JAPARHA

Aggregate for WBM Gr II

Place :-	Shekhpura
By Rail :-	121.00 km
By Road (Surface) :-	65.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	186.00 km

Stone Chips (For PMC, Seal Coat & PCC)

Place :-	Mirzachouki
By Rail :-	230.00 km
By Road (Surface) :-	65.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	295.00 km

Crushed Stone cum Aggregate including Gr III

Place :-	Shekhpura
By Rail :-	121.00 km
By Road (Surface) :-	65.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	186.00 km

Stone Boulders

Place :-	Sheikhpura
By Rail :-	121.00 km
By Road (Surface) :-	65.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	186.00 km

Coarse Sand

Place :-	Koilwer
By Rail :-	0.00 km
By Road (Surface) :-	100.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	100.00 km

Moorum

Place :-	Jamui
By Rail :-	124.35 km
By Road (Surface) :-	65.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	189.35 km

Cement

Place :-	Fatuha
By Rail :-	0.00 km
By Road (Surface) :-	18.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	18.00 km

Fine Sand (Local Sand)

Place :-	Local
By Rail :-	0.00 km
By Road (Surface) :-	2.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	1.00 km
Total Distance :-	3.00 km

Steel Reinforcement

Place :-	Fatuha
By Rail :-	0.00 km
By Road (Surface) :-	18.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	18.00 km

RCC Pipe NP3 (1000 mm dia)

Place :-	Hajipur
By Rail :-	0.00 km
By Road (Surface) :-	18.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	18.00 km

RCC Pipe NP3 (600 mm dia)-

Place :-	Hajipur
By Rail :-	0.00 km
By Road (Surface) :-	18.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	18.00 km

Bitumen Emulsion

Place :-	Fathua
By Rail :-	0.00 km
By Road (Surface) :-	75.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	75.00 km

Bitumen

Place :-	Barauni
By Rail :-	0.00 km
By Road (Surface) :-	75.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	0.00 km
Total Distance :-	75.00 km

Brick

Place :-	Local
By Rail :-	0.00 km
By Road (Surface) :-	7.00 km
By Road (Unsurfaced):-	0.00 km
By Road (Kachha):-	1.00 km
Total Distance :-	8.00 km

Signature

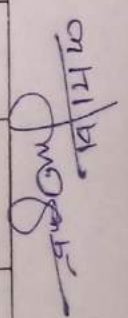
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RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL (BY RAIL)

NAME OF ROAD:- Restoration of Road from Muradabad To Milki Japarha
 DISTRICT:- Vaishali
 BLOCK:- Jandaha

S.NO.	Material	Remarks	Lead Distance (Km) Rail	Haulage Charge by Tipper			Loading	Unloading	Unit	Carriage Cost Per Km		Railway Freight (Rs)	Total Carriage Cost	Haulage Charge by Tipper / Truck	
				Lead Distance (Km)	Lead Distance (Km)					Surface Road	Kaccha Road				
					Surface Road	Kaccha Road									
															Surface Road


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RATE ANALYSIS FOR CARRIAGE OF BASE MATERIAL (BY ROAD)

NAME OF ROAD:- Restoration of Road from Muradabad To Milki Japarha

DISTRICT:- Vaishali

BLOCK:- Jandaha

Haulage Charge by Tipper												Haulage Charge by Truck					
		Carriage Cost (Surfaced Road): Rs 8.71 Per Tonne Per Km		Carriage Cost (Surfaced Road): Rs 7.8 Per Tonne Per Km				Carriage Cost (Un Surfaced Road): Rs 9.38 Per Tonne Per Km						Carriage Cost (Un Surfaced Road): Rs 9.38 Per Tonne Per Km			
		Carriage Cost (Kacha Road): Rs 21.08 Per Tonne Per Km		Carriage Cost (Kacha Road): Rs 18.88 Per Tonne Per Km													
S.NO.	Material	Remarks	Lead Distance (Km)		Loading	Unloading	Unit	Carriage Cost Per Km		Total Carriage Cost	Haulage Charge by Tipper / Truck						
			Surface Road	Kaccha Road				Surface Road	Kaccha Road								
1	Aggregate for WBM Gr II	Shekhpura	145	0	135.69	67.84	Cum	1971.24	0.00	2174.77	Truck						
2	Stone Chips (For PMC , Seal Coat & PCC)	Mirzachouki	280	0	135.69	67.84	Cum	3501.40	0.00	3704.93	Truck						
3	Crushed Stone cum Aggregate including Gr III	Shekhpura	145	0	135.69	67.84	Cum	1813.23	0.00	2016.76	Truck						
4	GSB Material	Sheikhpura	145	0	77.13	18.36	Cum	2024.77	0.00	2120.26	Tipper						
5	Stone Boulders	Sheikhpura	145	0	77.13	18.36	Cum	2262.00	0.00	2357.49	Tipper						
6	Coarse Sand	Koilwer	100	0	67.84	42.35	Cum	1250.50	0.00	1360.69	Truck						
7	Moorum	Jamui	117	0	67.84	42.35	Cum	1216.80	0.00	1326.99	Truck						
8	Cement	Fatuha	18	0	167.36	167.36	MT	140.40	0.00	475.12	Truck						
9	Fine Sand(Local Sand)	Local	2	1	41.07	18.36	Cum	27.93	33.80	121.16	Tipper						
10	Steel Reinforcement	Fatuha	18	0	178.14	178.14	Tonne	140.40	0.00	496.68	Truck						
11	RCC Pipe NP3 (1000 mm dia)	Hajipur	18	0	47.51	31.96	RM	112.32	0.00	191.79	Truck						
12	RCC Pipe NP3 (600 mm dia)-	Hajipur	18	0	20.36	13.70	RM	44.93	0.00	78.99	Truck						
13	Bitumen Emulsion	Fathua	65	0	199.09	184.83	MT	507.00	0.00	890.92	Truck						
14	Bitumen	Barauni	75	0	199.09	184.93	MT	585.00	0.00	968.92	Truck						
15	Brick	Local	7	1	231.79	231.79	1000 No.	218.40	75.52	757.50	Truck						

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FINAL RATES INCLUDING HAULAGE, LOADING AND UNLOADING

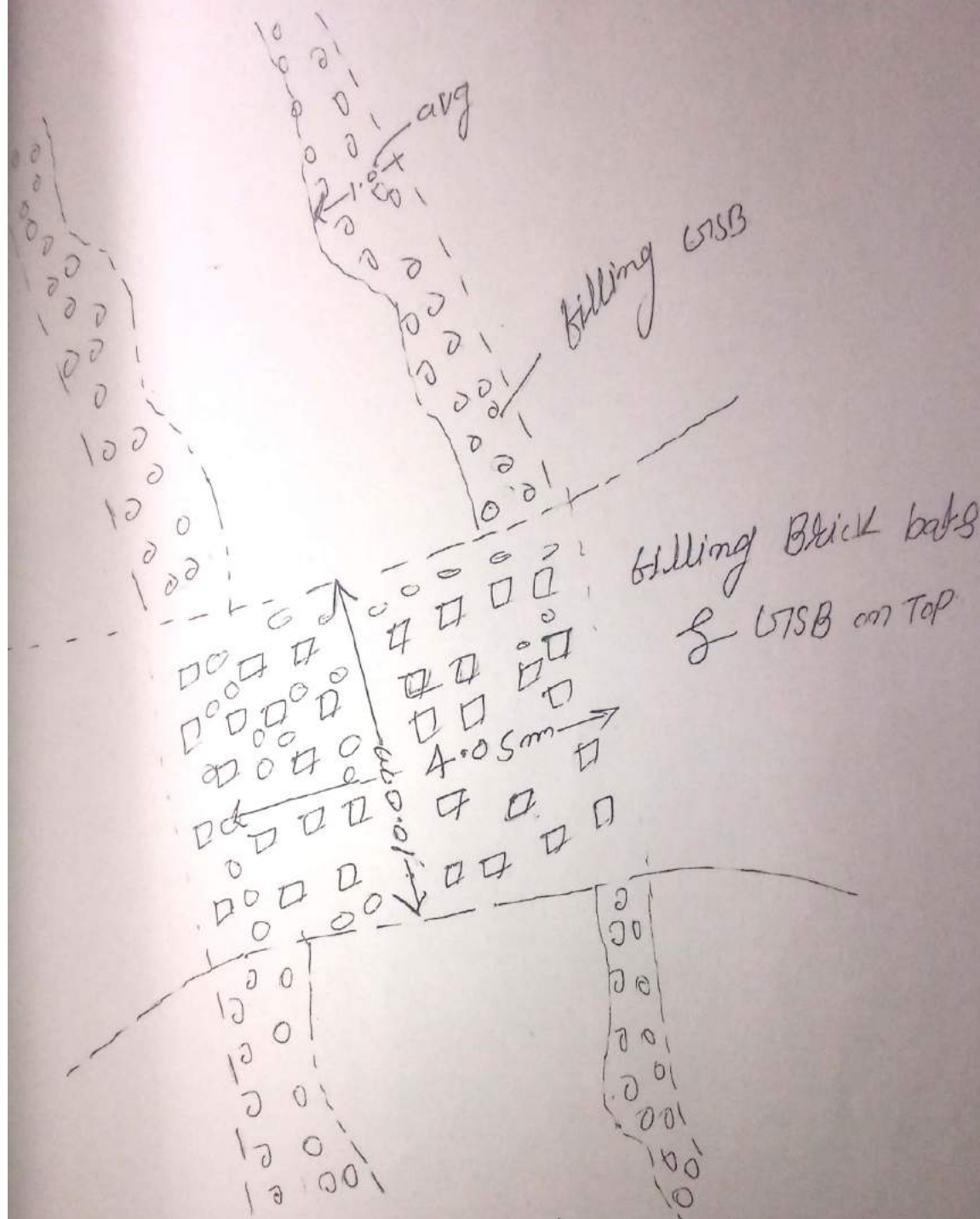
Item No.	Item Description	Unit	Basic Rate as per SOR (Rs.)	Materials Required	Unit	Quantity	Rate	Cost for haulage (Rs.)	Final Rates including Labour Cess @ 1% (Rs.)
	Granular Sub base								
	Granular Sub-base with Well Graded Material (Table 400.1)	Cum	753.72	Aggregate(53 mm to 2.36 mm)	Cum	0.84	1900.62	1596.52	3064.10
				2.36 mm below	Cum	0.36	1900.62	684.22	

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Section for flood damage road.



not to scale

Section for 10.0mm full damage and

on fresh damage

blank & sub base.

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JE

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