

Name of Work:- Maintenance & Repairs of Road
 With maintenance Book of Package No.-
 MR-N/19-20 Darbhanga-1/03

Name of Work-(1.) Removal of old road
 Situation of Work- At Block - Bahadurpur.
 Agency by which work is executed- Prashant
 Date of Measurement- Prashant Company.
 No. and date of agreement 107 M.B./2020-21.
 (MR 3054 Under New Maintenance Policy 2018)
 (These four lines should be repeated at the commencement
 of the measurement relating to each work)
 Rate:- 0.75% Below from B.O. rate.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Estimated Cost:- Rs.					
Agreement Value:- Rs.					
Date of Start:-			28.01.2021		
Date of Completion:-			27.10.2021		
Date of entry:-			18.02.2022		
① Excavation for road work					
In soil with hydraulic excavator.					
	2x6x	30.00x	0.375x	0.200 =	27.00 m ³
	2x1x	29.00x	0.375x	0.200 =	4.35 "
	2x13x	30.00x	0.375x	0.275 =	20.438 "
	2x1x	10.00 1.00x	0.375x	0.275 =	0.206 "
					114.057 m ³
					111.994 m ³
② Construction of granular					
Sub-base with well graded					
material with grading -1					
material - do do.					
	2x2x	30.00x	0.375x	0.200 =	9.000 m ³
	2x2x	30.00x	0.375x	0.200 =	9.000 "
	2x2x	30.00x	0.375x	0.200 =	9.000 "
	2x1x	29.00x	0.375x	0.200 =	4.350 "
	2x2x	30.00x	0.375x	0.200 =	9.000 "
	2x11x	30.00x	0.375x	0.200 =	49.500 "
	2x1x	01.00x	0.375x	0.200 =	0.750 "
					90.000 m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
②	Paving w/ BM stone				
	metal 80-3				
widening	2x 1x 18.00	x 0.375	x 0.075		= 1.013 m ²
	1x 30.00	$\frac{3.75+3.65+4.00+4.00}{4}$	x 0.075		= 8.661
	1x 30.00	$\frac{4.00+3.65+4.00}{3}$	x 0.075		= 8.737
	1x 30.00	$\frac{4.00+3.75}{2}$	x 0.075		= 8.719
	1x 30.00	$\frac{3.75+3.40+4.00}{3}$	x 0.075		= 8.362
	1x 30.00	$\frac{4.00+3.75+3.80}{3}$	x 0.075		= 8.663
	1x 20.00	$\frac{3.80+3.70+3.60+3.35}{4}$	x 0.075		= 5.419
width	2x 1x 20.00	x 0.375	x 0.075		= 1.125
	1x 30.00	$\frac{3.60+3.70+4.00}{3}$	x 0.075		= 8.475
	1x 9.00	$\frac{4.00+3.80+3.50}{3}$	x 0.075		= 2.542
	1x 30.00	$\frac{3.50+3.70+3.60}{3}$	x 0.075		= 8.137
width	2x 11.00	x 0.375	x 0.075		= 0.618
	2x 11x 30.00	x 0.375	x 0.075		= 18.563
	2x 1x 13.00	x 0.375	x 0.075		= 0.731
					0.624
	widening in e.c. Road				
	various				
	1x 12.00	$\frac{0.60+1.50+0.60}{3}$	x 0.075		= 0.804
	1x 4.50	x 0.80	x 0.075		= 0.270
	2x 2.50	x 0.90	x 0.075		= 0.338
					51.182 m ²
③	Paving w/ BM stone				
	metal 80-3				
	widening				
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Particulars	Details of actual measurement				Contents of area	
	No.	L.	B.	D.		
				B.F.		
				Rs.	5,00,174=00.	
④	Boarding and applying primer coat with bitumen emulsion (SS-1)					
	V.P.	$\frac{3}{1}$	1215.76 m ²			
	@ Rs.	40-91/m ²		Rs.	49,737=00.	
⑤	Boarding and applying tack coat with bitumen emulsion (SS-1) - dtd					
	V.P.	$\frac{3}{2}$	3832.135 m ²			
	@ Rs.	13-92/m ²		Rs.	53,573=00.	
⑥	Boarding 15.5 dtd 20mm thick - dtd					
	V.P.	$\frac{4}{3}$	1581.76 m ²			
	@ Rs.	191-06/m ²		Rs.	302,211=00.	
⑦	Boarding and laying S.D.A.C 25mm thick - dtd					
	V.P.	$\frac{5}{4}$	56.259 m ³			
	@ Rs.	9814=48/m ³		Rs.	5,52,153=00.	
				Rs.	14,57,848=00.	
	dtd.	G.S.T.	12%.	Rs.	1,74,942=00.	
	"	L.C.	1%.	Rs.	14,528=00.	
	"	Seigniorage Fee		Rs.	17,556=00.	
				Rs.	16,64,924=00.	
	Less 0.75% as per agreement.				Rs.	12,487=00.
				Rs.	16,52,437=00.	
Polkam 28.02.2022						
28/2/22						

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Settlement Fee.</u>					
①	G.S.B.	$\phi = 90.00 \text{ m}^2$			
		$\text{@ Rs. } 559 = 16/\text{m}^2 \times 10/10$			Rs. 5,032.44
②	Gr-3	$\phi = 81.34 \text{ m}^2$			
		$\text{@ Rs. } 714 = 30/\text{m}^2 \times 10/10$			Rs 5810.12
③	MSS	$\text{Area} = 1581.76 \text{ m}^2$			
		$\text{@ Rs. } 14 = 13/\text{m}^2 \times 10/10$			Rs. 2235.03
④	SABR.	$\phi = 56.259 \text{ m}^2$			
		$\text{@ Rs. } 795.97/\text{m}^2 \times 10/10$			Rs 4478.05
					<u>Rs 17,555.64</u>
		Say Rs.			17,556.00
<u>28.02.2022</u> <u>28</u> <u>28/02/22</u> <u>2</u> <u>18/02/22</u> <u>18</u>					

Material Statement

①	Sand.	32.40 m ³ .
②	Stone/agg/metal/chips	316.83 m ³ .
<u>Intermixture</u>		
③	SS-1.	1.0334 t.
④	RS-1	1.0538 t.
⑤	Waste plastic	0.2404 t.
⑥	S-90	2.765 t.
⑦	S-65	6.492 t.
<u>28.02.2022</u> <u>28</u> <u>28/02/22</u> <u>2</u> <u>18/02/22</u> <u>18</u>		