

(Ministry of Rural Work Department, Govt. of Bihar)

NEW MAINTENANCE POLICY 2018

Bill of Quantities(Revised)

Road Name	Kinari To Milki	BLOCK :-	Jahanabad		
Length of	2000M	DISTRICT :-	Jahanabad		
S.No.	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or	0.400	Cum	51161.750	20464.70
2	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical	1944.000	Cum	161.560	314072.64
3	WBM Grading2 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and	77.655	Cum	2499.050	194063.26
4	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and	224.740	Cum	2400.430	539473.39
5	Prime Coat Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0 kg/sqm using mechanical means as per Technical	2996.538	Sqm	44.640	133765.43
6	Mix Seal Surfacing-Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing	3071.538	Sqm	186.590	573118.18
7	Tack Coat-Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with primer and cleaned with hydriloc broom as per technical specification clause 503.	3071.538	Sqm	15.180	46625.94

B.O.O approved as Corrected
(1)

B.E. Aurangabad

	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	Tack Coat-Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with primer and cleaned with hydriloc broom as per technical specification clause 503.	6817.000	Sqm	12.700	86582.25
9	Semi-Dense Bituminous Concrete-Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and	185.375	Cum	9324.000	1725749.54
10	Kilometre stone Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.				0.00
11	ii) Km stone	4.000	Each	1940.530	7762.12
12	iii) 200 m stone	8.000	Each	555.500	4444.00
13	Traffic sign A. Retro Reflectorised Traffic signs-Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a				0.00
14	600 mm equilateral & triangle,	12.000	Each	3254.670	39056.04
15	600 mm circular,	2.000	Each	4379.410	8758.82
16	600 mm x 450 mm rectangular,	4.000	Each	4264.280	17057.12
17	Boundary Pillar-Reinforced cement concrete M15 grade boundary pillar/local stone of standard design as per IRC:25 fixed in position including finishing and lettering but excluding painting as per drawing and technical specification.	24.000	nos	473.690	11368.56
18	Printing New Letters and Figures of any shade-Printing new letters and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and technical specification clause 1701	1408.000	nos	0.516	726.53
19	Planting of Trees and their Maintenance for one Year-Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard / sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and	100.000	Each	818.840	81884.00

B.O.O approved as Corrected

B.E. Aurangabad

	DESCRIPTION OF ITEMS	QUANTITY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface-Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of	435,000	Sqm	718.700	419402.65
21	Providing and Fixing 'Logo' of Project - Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower	4,000	Each	9008.000	419402.65
22					503282.84
23	Total (A)				419402.65
24	GST@12%				41420.26
25	Labour Cess @ 1%				4780726.96
26	Seigniorage Fee				
27	Sub Total(A)				
27	Total Cost of Maintenance	20,000	Quarterly	83,720.20	1674404.00
28					1674404.00
29	Total (B)				200928.48
30	GST@12%				16744.04
31	Labour Cess @ 1%				1989.65
32	Seigniorage Fee				1894066.17
33	Sub Total(B)				
	Grand Total (A+B)				6674793.13
	Less As Per Agreement 6.66% below rate				(-444541.25)
	Net Amount				6230251.91
	Total BOQ Cost				6674793.00

say 62,30,252 =

8.3.2022
Executive Engineer
S. W. D. (W) Division
Jehanabad.

Revised B.O.Q approved for Rs. 62,30,252 =
Rupees..... zero Crore sixty Two lakh Thirty thousand..... Two hundred..... Fifty Two Only

S.E.
R.W.D (W) Circle
Aurangabad