

Schedule Of Quantity

Name of Work : Comprehensive maintenance at IBB Road in Nadia District of West Bengal in IBBR-13 road from BP No. 134/MP to BP No. 146/MP. SH: WBM, Depression filling and 20 mm thick close graded premix carpet.						
SL No	DSR '2023 Code No.	Description	Quantity	Unit	Rate	Amount
1	16.3	Supplying and stacking at site.				
1.1	16.3.3	53 mm to 22.4 mm size stone aggregate	100.00	cum	1842.30	184230.00
1.2	16.3.7	Stone screening 11.2 mm nominal size (Type B)	31.00	cum	2247.75	69680.00
1.3	16.3.9	Good earth/Stone dust	14.00	cum	775.50	10857.00
2	16.4	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	117.00	cum	1046.95	122493.00
3	16.31	Providing and applying tack coat using bituminous emulsion conforming to IS:8887 using emulsion pressure distributor including preparation of surface & cleaning with mechanical broom.				
3.1	16.31.2	With medium setting bitumen emulsion				
3.1.1	16.31.2.1	On W.B.M. @ 0.4kg/sqm	1553.00	sqm	21.20	32924.00
3.1.2	16.31.2.2	On bituminous surface @ 0.25kg/sqm	26714.00	sqm	14.05	375332.00
4	MR	Scarifying metalled (water-bound) road surface including disposal of rubbish, lead up to 50 m and stacking the scarified material received from scarifying.	1553.00	sqm	19.05	29585.00

5	MR	Repairing and making up small depression i/c repair to small potholes using 0.90 cum of 22.4 mm size stone aggregate and 0.45 cum of 13.2 mm. size stone aggregate mixed with 40 kg and 23 kg of hot bitumen VG-30 respectively per 1.35 cum of unmixed loose volume of stone aggregate to make compacted volume of one cubic metre, spreaded and laid manually over a tack coat of hot bitumen VG-30 i/c consolidation with road roller of 8 to 10 tonne capacity, including the cost of all material and labour etc. complete. the stone aggregate of gradation 22.4 mm size shall pass 100% through 37.5 mm sieve and 100% retain on 13.2 mm sieve and the stone aggregate of gradation 13.2 mm shall pass 100% through 22.4 mm sieve and retain 100% on 11.2 mm sieve (Tack coat to be paid for separately)				
5.1		Rampurhat Variety	109.00	cum	13567.25	1478830.00
6	MR	Providing , Laying and rolling of close graded premix surfacing of 20 mm thick composed of 2.7 cum of 11.2 mm to 0.09 mm (type B) aggregate of 100 sqm of VG-30 @ 190 kg per 100 square meter to required line, grade and level to serve as wearing course on an previously prepared base including mixing in a Drum type hot mix plant of 60-90 TPH capacity, laying with paver finisher and rolling with a smooth wheeled roller 8 - 10 tonne capacity, finished level and grades. (Aggregate gradation- cumulative percent by weight of total aggregate passing : IS seive designation 13.2mm - 100%, 11.2mm- 88 to 100%, 5.6mm- 31 to 52 %, 2.8mm- 5 to 25%, 0.09mm- 0 to 5%). (tack coat to be paid separately).				
6.1		Rampurhat Variety	23795.00	sqm	288.55	6866047.00
7	MR (Approved rate by SE/BFC-II vide TS no. 03/TS/SE/BFC-II/IBBZ-I/2023-24)	Deduct for not providing paver finisher against item no-6	1904.00	sqm	-1.25	-2380.00
		Total SR Item Cost=	795516.00			

		Total MR Item Cost =	8372082.00			
		(Gross Total Estimated Cost of SR Item + MR Item) =			Rs	9167598.00
		Modified Estimated Cost after using Correction factor on DSR 2023 on account of GST @ 0.973 as per O.M. issued by DG, CPWD vide No. 158/SE(TAS)/GST/2024/02-E Dated: 08/08/2024	795516.00	0.973	Rs	774037.00
		Add Cost Index @ 18% on DSR'2023 items [As approved Cost Index of KRISHNANAGAR (W.B.) is 118 on DPAR-2023 (Base-100) as on 01/04/2025 vide letter no. 34(1)/SDG (Kol)/Cost Index/2025/ 1316 Dated: 27/08/2025	774037.00	18%	Rs	139327.00
		Add total Market Rate of Sl. No. 4,5,6,7 except DSR item.	8372082.00		Rs	8372082.00
		Estimated cost put to tender			Rs	9285446.00

NOTE:- Item no. 7 is only for pass over / extra widening.