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BITUMEN ROAD WORK AT BSP,PATNA

Abstract of Cost

S. No	BCD SOR Item No.	Description of Item	Unit	Len(M)	width(M)	Height(M)	Qt'y	Rate	Amount in Rs.
1	RCD 5.2	Tack coat Providing and applying tack coat with bitumen emulsion using emulsion pressur Distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom.	Sqm	180.00	8.50		1530.00	11.2	17136.00
2	RCD 5.3	Bituminous Macadam (Providing and laying bituminous macadam with 100-120 TPH hot mix plan Bituminous Macadam (Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7 to achieve the desired compaction.)							
	1	for Grading I (40 mm nominal size)	cum	180	8.5	0.05	76.50	5413	414094.5
3	RCD 5.7	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 % of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects) for Grading I (13 mm nominal size)	Sqm	180.00	8.50	0.03	38.25	6738	257728.5
4	RCD 8.13	Road Marking with Hot Applied Thermoplastic Compound with Reflectorsing Glass Beads on Bituminous Surface (Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorsing glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC-35. The finished surface to be level, uniform and free from streaks and holes.)	Sqm	2*180	0.1			735	26460
5.		carriage of materials. stone chips - 114.75 m ³ @ 1490=02 Rs					36		170980=00
Total -									8,86,399=00

Amrit