

BIHAR STATE ROAD DEVELOPMENT CORPORATION LIMITED

Project Implementation Unit, Rajgir

Name of Work : Section-II : FDR work in Km. 67+500 to Km. 80+300 of NH-31

- 1 Tender Notice No. : BSRDCL/PIU/Rajgir/2015-16/12 Dated 09.01.2016
- 2 Estimated Cost (including all taxes) : Rs.34,84,541/-
- 3 Earnest Money : Rs.69,691/-
- 4 Cost of BOQ/Tender Document : Rs.5,000/-
- 5 Tender Processing Fee : Rs.1,140/-
- 6 Time of completion : One Month

BILL OF QUANTITIES

Sl. No.	Description	Unit	Quantity	Rate (in Rs.)		Total Amount (in Rs.)
				In figures	In words	
1	Granular Sub-base Construction of granular sub-base by providing close graded Material, mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401	Cum	349.755	2322.05	Two thousand three hundred twenty two and paise five only	8,12,148.60
2	Wet Mix Macadam Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density, all as per clause 3004.2	Cum	349.755	2343.21	Two thousand three hundred forty three and paise two one only	8,19,549.41
7	Prime Coat Providing and applying primer coat with Bitumen, Emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 Kg/Sqm. Using mechanical means, all as per clause 3004.2	Sqm	2331.700	32.67	Thirty two and paise six seven only	76,176.64
3	Tack Coat Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom, all as per clause 503	Sqm	2331.700	11.80	Eleven and paise eight zero only	27,514.06

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				In figures	In words	
4	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 mechanical control paver finisher to the required grade, level and alignment and rolled as per clauses 501.6 and 501.7	Cum	116.585	7980.51	Seven thousand nine hundred eighty and paise five one only	9,30,407.76
5	Bituminous Concrete Providing and laying bituminous concrete with 100-120 TPH batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 per cent 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. 509	Cum	69.951	10793.51	Ten thousand seven hundred ninety three and paise five one only	7,55,016.82
6	Road Marking with Hot Applied Thermoplastic Compound with Reflectorisng Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorisng 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	77.610	821.13	Eight hundred twenty one and paise one three only	63,727.90
Total Estimated Cost (in Rs.)						34,84,541.00
(Rupees thirty four lakh eighty four thousand five hundred forty one only)						
1	Estimated Cost (including all taxes)	-:-			Rs.34,84,541/-	
2	Name of the Firm/Agency	-:-				
3	Address of the Firm/Agency	-:-				
4	I/we offer in Figures in words.....% (percentage) High/Less/Estimated rate are mentioned in the Bill of Quantity	in Fig.				
		in Words				

DGM (Tech.), BSRDCL, PIU, Rajgir