

BIHAR STATE ROAD DEVELOPMENT CORPORATION LIMITED

Project Implementation Unit, Rajgir

Name of Work : Maintenance of existing service road (old alignment) of NH-31 (Rajauli-Bakhtiyarpur) from Km. 150+000 to 152+000

1	Tender Notice No.	:	BSRDCL/PIU/Rajgir/2015-16/14 Dated : 11.02.2016
2	Estimated Cost (including all taxes)	:	Rs.39,66,453/-
3	Earnest Money	:	Rs.79,329/-
4	Cost of BOQ/Tender Document	:	Rs.5,000/-
5	Tender Processing Fee	:	Rs.1,145/-
6	Time of completion	:	15 (Fifteen) days

BILL OF QUANTITIES

Sl. No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figure	In Word	
1	Clearing Grass and Removal of Rubbish Clearing Grass and Removal of Rubbish up to a distance of 50 mtr. Outside the periphery of the area	Hect.	1.725	12367.65	Twelve Thousand Three Hundred Sixty Seven and Paise Six Five only	21,334.20
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	Cum	252.00	3759.29	Three Thousand Seven Hundred Fifty Nine and Paise Two Nine only	9,47,341.08
3	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.	Sqm	1680.00	33.45	Thirty Three and Paise Four Five only	56,196.00
4	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.	Sqm	7087.50	12.05	Twelve and Paise Zero Five Only.	85,404.38
5	Mixed Seal Surfacing (Mechanical means using HMP of appropriate capacity not less than 75 tonnes/hour) Providing laying and rolling of close graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.09 mm aggregates using penetration grade bitumen to the required line, grade and level to serve as wearing course on a previously prepared base including mixing in a suitable plant, laying and rolling with a smooth wheeled roller 8-10 tonne capacity and finishing to required level and grade.	Cum	7087.50	221.00	Two Hundred Twenty One Only.	15,66,337.50

Sl. No.	Description	Unit	Quantity	Rate (Rs.)		Amount (Rs.)
				In Figure	In Word	
6	Maintenance of Earthen Shoulder (filling with fresh soil) Making up loss of material/irregularities on shoulder to the design level by adding fresh approved soil and compacting it with appropriate equipment	Sqm	5182.50	78.79	Seventy Eight and Paise Seven Nine Only.	4,08,329.18
7	Brick masonry work in 1:3 in sub-structure complete excluding pointing and plastering, as per drawing and Technical Specifications	Cum	3.48	5349.67	Five Thousand Three Hundred Forty Nine and Paise Six Seven.	18,616.85
8	Plastering with cement mortar (1:3) on brick work in substructure as per Technical Specification	Sqm	162.28	95.27	Ninety Five and Paise Two Seven only.	15,460.42
9	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section	mtr.	340.00	2492.45	Two Thousand Four Hundred Ninety Two and Paise Four Five only.	8,47,433.00
Total Amount						39,66,453.00
(Rupees Thirty Nine Lacs Sixty Six Thousand Four Hundred Fifty Three only.)						
1	Estimated Cost (including all taxes)	-:-	Rs. 39,66,453/-			
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