

JAYPEE INFRATECH LIMITED**Bill of Quantity – Re-surfacing on Structures and Approaches at Yamuna Expressway****Name of Work**

Re-surfacing on Structures & Approaches with Micro-Surfacing Type – III (Phase – II) at Yamuna Expressway Chainage – KM 95.00 to KM 165.00 from Mathura to Agra, Uttar Pradesh, India,

S.No.	Item Description	UOM	Qty	Rate (INR)	Amount (INR)	Remarks
1	<p>Providing and laying micro-surfacing type-III 6-8mm (six to eight millimetre) thick layer comprising of crushed aggregate of specific size conforming to Type-III grading @14 Kg per Sqm (Fourteen Kilogram per square metre) of road surface coverage , Polymer Modified Cationic Bitumen Emulsion @ 12% (at the rate of twelve percent) of weight of aggregate, Portland cement as a Mineral filler @ 2% (at the rate of two percent) of by weight of crushed aggregate , Break Control Additives @ 2% (at the rate of two percent) of by wight of crushed aggregate and Purified Water with PH 6-7 as needed, using specialized microspacing paver and other material, machinery etc. micro surfacing paver should be equivalent to BREINING / BERGKAMP / VSS with spreader box of 3.7 meter. so that each lane could be covered in a single in single pass and as per IRC : SP:81-2008 and provision 512-514 of MoRTH specifications 5th revision including entire carriage of materials, labour and equipment's to various location of site of work through all modes of transportation in all leads, lifts and all incidental charges by mechanical mean and as per the direction of Engineer-in-charge. The rate is including octroi, royalty, Malkana, toll tax, sale tax, GST or other taxes imposed by the Government.</p> <p>Item Includes restore the surface with necessary repairs of potholes cracks ruts and undulations etc. prior to the micro surfacing work. Make the surface levelled & smoother with zero undulations for good to lay the layer of Micro-surfacing Type - III.</p> <p>The repair work shall be as per the MORTH & IRC guidelines or as per the direction of Engineer In-charge.</p>	Sqm	2,30,200		-	<p>BOQ Qty shall be increase or decrease at the time of work execution at site.</p> <p>Actual Qty shall be measured and paid after execution & Handover</p>

2	Milling out the top bituminous undulated surface upto 20 MM only from distressed / ravelled areas removal and carriage of material by vehicle from the structure to a suitable dump site outside the expressway as per direction of engineer in charge. Thickness & Area as per site requirement for surface levelled and suitable for Micro-surfacing work.	Sqm	18500		-	BOQ Qty shall be increase or decrease at the time of work execution at site. Actual Qty shall be measured and paid after Execution & Handover. Qty to be executed as per site requirement.
3	Repair of Jerks & depressions between Structures & Approaches, filling of depressions with cold mix material (Average Thickness 25 mm) levelling and compacting with vibratory roller complete as per the direction of Engineer In charge.	Sqm	9200		-	
TOTAL AMOUNT					-	

	Conditions:- 1. The work shall be carried out as per MoRTH & IRC Specifications and as per the direction of Engineer-in-Charge. 2. All the road safety measures shall be taken during the execution at site by the agency at his own cost. 3. Quality Compliance to be carried out as per MORTH & IRC Guidelines and as per Quality Plan Approved by Project In-charge.					
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Rate per Square Meter of Micro-surfacing Work (in Words) -

Total BOQ Amount (in Words) -

Note : The Quoted Rate should be inclusive of all Taxes, Cess, duties, octroi, GST etc.

The bidder shall attach the Quoted Rate Breakup (Rate Analysis) & Details of Material (Polymer Modified Emulsion, Graded Aggregates, Mineral Filler, Water, & Additives etc.)

Quoted rates are inclusive of Transportation, Loading and Unloading of Material and all Equipment's & Machineries.

Rate shall be filled both in figures and words, otherwise quotation shall be rejected.

Rate filled at any other place in the document shall not be considered.

No conditions shall be accepted.

