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Percentage BoQ

Tender Inviting Authority: NHIDCL					
Name of Work: Repair and Maintenance of National Highway (NH 52) between Jamuguri to Bishwanath Chariali (Km. 182.000 to 208.000) (Percentage Rate and Work Order Basis)					
Contract No: NHIDCL/Maint./J-BC/Tender/Tez/2019-20/01					
Bidder Name :					
<u>PRICE SCHEDULE</u>					
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)					
NUMBER #	TEXT #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Units	Estimate d Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	5	6	53	55
1	Prime Coat Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means (Including cost of testing of material at site and laboratory as directed by the deptt.) (ii) with Bitumen emulsion- CSS-1h	sqm	0.00	Rs. 158,237.55	INR One Lakh Fifty Eight Thousand Two Hundred & Thirty Seven and Paise Fifty Five Only
2	Tack coat: Providing and applying tack coat with bitumen emulsion using emulsion pressurre distributor at the rate of 0.20 kg per sqm on the prepared bituminous/ granular surface cleaned with mechanical broom (including cost of testing of materials at site and laboratory as directed by the deptt.) (I) with Bitumen emulsion CSS-1h (a) Normal bituminous surfaceRate Rs./cum including lead	sqm	0.00	Rs. 2,159,766.90	INR Twenty One Lakh Fifty Nine Thousand Seven Hundred & Sixty Six and Paise Ninety Only

3	<p>Water Bound Macadam : Providing, laying, spreading and compacting stone aggregates of specific size to WBM specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding material to fillup the interstices of coarse aggregate, watering and compacting to the reqd density (with initial lead 5.0 km)</p>	cum	0.00	Rs. 1,278,062.11	INR Twelve Lakh Seventy Eight Thousand & Sixty Two and Paise Eleven Only
4	<p>Bituminous Macadam for pothole filling - 50 mm Thickness: 'Providing and laying bituminous macadam with 100-120 THP hot mix plant producing an average output of 75 tonnes per hour using crushed aggregate of specified grading premix with bituminous binder, transported to site, laid over a previously prepared surface with pave finisher to the required grade, level and alignment and rolled as per Clause 501.60 and 501.7 to achieve the desired compaction. (Including carriage upto initial lead of 5km from quarry and carriage of mixed materials upto 10km initial lead from mixing plant)- for grading II material</p>	cum	0.00	Rs. 398,225.94	INR Three Lakh Ninety Eight Thousand Two Hundred & Twenty Five and Paise Ninety Four Only
5	<p>Dense Graded Bituminous Macadam - 50 mm thickness (Overlay) 'Providing and laying dense bituminous macadam with 100-120 THP batch type HMP producing an average output of 75 tonnes per hour using crushed aggregate of specified grading premixed with bituminous binder @4.0 to 4.5% by weight of total mix and filler transporting the Hot Mix to work site, laying with a hydrostatic paver finisher with sensor control to the reqd. grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MOSRT&H Cl. 507, complete in all respects. (Including carriage of mixed materials upto 10km initial lead from mixing plant) (including cost of testing of materials at site and laboratory as directed by the Deptt.) - for grading II (19mm nominal size material)</p>	cum	0.00	Rs. 44,776,655.00	INR Four Crore Forty Seven Lakh Seventy Six Thousand Six Hundred & Fifty Five Only

6	<p>Bituminous Concrete- 30 mm thickness: Providing and laying 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@ 5.4 to 5.6 % of mix and filler transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the reqd. grade, level and alignment,rolling with smooth wheeled,vibratory and tandem rollers to achieve the desired compaction as per MoRT&H cl. no.509. complete in all respect. (Including carriage upto initial lead of 5km from quarry and carriage of mixed materials upto 10km initial lead from mixing plant)- for grading II material</p>	cum	0.00	Rs. 30,465,827.70	INR Three Crore Four Lakh Sixty Five Thousand Eight Hundred & Twenty Seven and Paise Seventy Only
7	<p>Maintenance of Earthen Shoulder - (Filling with fesh soil) (Making up loss of material / irregularities on shoulder(Average 150mm filling) to the design level by adding fresh approved soil and compacting with appropriate equipment.</p>	cum	0.00	Rs. 1,966,320.00	INR Nineteen Lakh Sixty Six Thousand Three Hundred & Twenty Only
8	<p>Road Marking: Road marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface -Providing and laying of Hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @250 gms per sqm, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. the finished surface to be level, uniform and free from streaks and holes.</p>	cum	0.00	Rs. 373,907.82	INR Three Lakh Seventy Three Thousand Nine Hundred & Seven and Paise Eighty Two Only
Total in Figures				Rs. 81,577,003. 02	INR Eight Crore Fifteen Lakh Seventy Seven Thousand &Three and Paise Two Only
Quoted Rate in Figures		Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only			

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Item Wise BoQ

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NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	Prime Coat Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means (Including cost of testing of material at site and laboratory as directed by the deptt.) (ii) with Bitumen emulsion- CSS-1h	4,005.00	Sqm	39.51	Rs. 158,237.55	INR One Lakh Fifty Eight Thousand Two Hundred & Thirty Seven and Paise Fifty Five Only

2	<p>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 (including cost of testing of materials at site and laboratory as directed by the deptt.) (I) with Bitumen emulsion CSS-1h (a) Normal bituminous surfaceRate Rs./cum including lead</p>	154,822.0 0	Sqm	13.95	<p>Rs. 2,159,766.90</p>	<p>INR Twenty One Lakh Fifty Nine Thousand Seven Hundred & Sixty Six and Paise Ninety Only</p>
3	<p>Water Bound Macadam : Providing, laying, spreading and compacting stone aggregates of specific size to WBM specification including spreading in uniform thickness, hand packing, rolling with vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding material to fillup the interstices of coarse aggregate, watering and compacting to the reqd density (with initial lead 5.0 km)</p>	403.00	cum	3171.37	<p>Rs. 1,278,062.11</p>	<p>INR Twelve Lakh Seventy Eight Thousand & Sixty Two and Paise Eleven Only</p>
4	<p>Bituminous Macadam for pothole filling - 50 mm Thickness: 'Providing and laying bituminous macadam with 100-120 THP hot mix plant producing an average output of 75 tonnes per hour using crushed aggregate of specified grading premix with bituminous binder, transported to site, laid over a previously prepared surface with pave finisher to the required grade, level and alignment and rolled as per Clause 501.60 and 501.7 to achieve the desired compaction. (Including carriage upto initial lead of 5km from quarry and carriage of mixed materials upto 10km initial lead from mixing plant)- for grading II material</p>	42.00	Cum	9481.57	<p>Rs. 398,225.94</p>	<p>INR Three Lakh Ninety Eight Thousand Two Hundred & Twenty Five and Paise Ninety Four Only</p>

5	<p>Dense Graded Bituminous Macadam - 50 mm thickness (Overlay) 'Providing and laying dense bituminous macadam with 100-120 THP batch type HMP producing an average output of 75 tonnes per hour using crushed aggregate of specified grading premixed with bituminous binder @4.0 to 4.5% by weight of total mix and filler transporting the Hot Mix to work site, laying with a hydrostatic paver finisher with sensor control to the reqd. grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MOSRT&H Cl. 507, complete in all respects. (Including carriage of mixed materials upto 10km initial lead from mixing plant) (including cost of testing of materials at site and laboratory as directed by the Deptt.) - for grading II (19mm nominal size material)</p>	3,850.00	Cum	11630.30	<p style="text-align: center;">Rs. 44,776,655.00</p>	<p>INR Four Crore Forty Seven Lakh Seventy Six Thousand Six Hundred & Fifty Five Only</p>
	<p>Bituminous Concrete- 30 mm thickness: Providing and laying 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@ 5.4 to 5.6 % of mix and filler transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the reqd. grade, level and alignment,rolling with smooth wheeled,vibratory and tandem rollers to achieve the desired compaction as per MoRT&H cl. no.509. complete in all respect. (Including carriage upto initial lead of 5km from quarry and carriage of mixed materials upto 10km initial lead from mixing plant)- for grading II material</p>	2,310.00	Cum	13188.67	<p style="text-align: center;">Rs. 30,465,827.70</p>	<p>INR Three Crore Four Lakh Sixty Five Thousand Eight Hundred & Twenty Seven and Paise Seventy Only</p>
	<p>Maintenance of Earthen Shoulder - (Filling with fesh soil) (Making up loss of material / irregularities on shoulder(Average 150mm filling) to the design level by adding fresh approved soil and compacting with appropriate equipment.</p>	36,000.00	sqm	54.62	<p style="text-align: center;">Rs. 1,966,320.00</p>	<p>INR Nineteen Lakh Sixty Six Thousand Three Hundred & Twenty Only</p>

	<p>Road Marking: Road marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface -Providing and laying of Hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads @250 gms per sqm, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. the finished surface to be level, uniform and free from streaks and holes.</p>	429.00	sqm	871.58	<p>Rs. 373,907.82</p>	<p>INR Three Lakh Seventy Three Thousand Nine Hundred & Seven and Paise Eighty Two Only</p>
<p>Total in Figures</p>					<p>Rs. 81,577,003 .02</p>	<p>INR Eight Crore Fifteen Lakh Seventy Seven Thousand &Three and Paise Two Only</p>
<p>Quoted Rate in Words</p>	<p>INR Eight Crore Fifteen Lakh Seventy Seven Thousand &Three and Paise Two Only</p>					