

# VOLUME-II

## PERCENTAGE BOQ

Validate	Print	Help	<b>Percentage BoQ</b>		
Tender Inviting Authority: NHIDCL					
Name of Work: Short Term Improvement & Routine Maintenance of Imphal-Jiribam Road from Km 3.00 to Km 75.00(Length=72 Km) of NH-53 (New NH-37) (Package-I) in the state of Manipur.					
Contract No: NHIDCL/Manipur/NH-53(New NH-37)/Maintenance/Pkg-I					
Bidder Name :					
<b>PRICE SCHEDULE</b>					
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant 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	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	5	6	53	55
1.01	Road Maintenance	Nos	0.00	16148590.80	INR One Crore Sixty One Lakh Forty Eight Thousand Five Hundred & Ninety and Paise Eighty Only
1.02	Road property Management and other maintenance	Nos	0.00	192568.12	INR One Lakh Ninety Two Thousand Five Hundred & Sixty Eight and Paise Twelve Only
1.03	Safety Improvement (Engineering works)	Nos	0.00	285865936.16	INR Twenty Eight Crore Fifty Eight Lakh Sixty Five Thousand Nine Hundred & Thirty Six and Paise Sixteen Only
1.04	Incident Management	Nos	0.00	300000.00	INR Three Lakh Only
Total in Figures				302507095.08	INR Thirty Crore Twenty Five Lakh Seven Thousand & Ninety Five and Paise Eight Only
Quoted Rate in Figures		Select		0.00	INR Zero Only
Quoted Rate in Words		INR Zero Only			

- Note : Bidder has to quote % above or below and quoted rates in figures & words will be auto generated which shall binding on the bidder to agree the amount to work.

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**Item Rate BoQ1****Tender Inviting Authority: NHIDCL****Name of Work: Short Term Improvement & Routine Maintenance of Imphal-Jiribam Road from Km 3.00 to Km 75.00(Length=72 Km) of NH-53 (New NH-37) (Package-I) in the state of Manipur.****Contract No: NHIDCL/Manipur/NH-53(New NH-37)/Maintenance/Pkg-I****Bidder  
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NUMB	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	Hill side Drain Clearance Removal of earth from the choked hill side drain and disposing it on the valley side maually	7000.000	Bm	28.62	<b>200340.00</b>	INR Two Lakh Three Hundred & Forty Only
2	Land Slide Clearance in soil Clearance of land slides in soil and ordinary rock by a bulldozer D 80 A-12, 180 HP and disposal of the same on the valley side.	20600.000	cum	69.55	<b>1432730.00</b>	INR Fourteen Lakh Thirty Two Thousand Seven Hundred & Thirty Only
3	Construction of boulder sausage wall with broken or angular boulder 1m height, 1.4m wide at bottom and 0.90m at top and 1:4 slope i/c cost of 3mm G.I wire netting 10cm square diagonal mesh with overlapping of 0.60m i/c earth work in foundation trenches etc. and fixing 20cm dia Sahi-kuhi post or equivalent of 2.2 m length, 1m above the ground level and 1.2m side the ground at interval 1.5m c/c complete.	2024.000	cum	7171.70	<b>14515520.80</b>	INR One Crore Forty Five Lakh Fifteen Thousand Five Hundred & Twenty and Paise Eighty Only
<b>Total in Figures</b>					<b>16148590.80</b>	INR One Crore Sixty One Lakh Forty Eight Thousand Five Hundred & Ninety and Paise Eighty Only
<b>Quoted Rate in Words</b>		<b>INR One Crore Sixty One Lakh Forty Eight Thousand Five Hundred &amp; Ninety and Paise Eighty Only</b>				

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Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	Reinforced cement concrete M15 kilometer stone of standard design fixed position including painting and printing letters etc.					
1.01	5th KM stone	14.000	each	3997.65	55967.10	INR Fifty Five Thousand Nine Hundred & Sixty Seven and Paise Ten Only
1.02	Ordinary kilometer stone	58.000	each	2355.19	136601.02	INR One Lakh Thirty Six Thousand Six Hundred & One and Paise Two Only
Total in Figures					192568.12	INR One Lakh Ninety Two Thousand Five Hundred & Sixty Eight and Paise Twelve Only
Quoted Rate in Words		INR One Lakh Ninety Two Thousand Five Hundred & Sixty Eight and Paise Twelve Only				

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<b>1</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>53</b>	<b>55</b>
1	<b>Earth Works</b>					
1.1	Construction of Subgrade and Earthen Shoulders with approved material obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of table No. 300-2	36000.000	cum	243.56	<b>8984160.00</b>	INR Eighty Nine Lakh Eighty Four Thousand One Hundred & Sixty Only
2	Providing, laying, spreading and compacting of stone aggregate of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with power roller 8-10 tones in stages to proper grade and camber, applying and brooming requisite interstices of coarse aggregates, watering and rolling making necessary earthen bund to protect edges, lighting guarding, barricading and maintenance of diversion etc. <b>By Mechanical Means</b> <b>I.R.C. Grade-III</b>	14379.750	cum	4469.89	<b>64275900.73</b>	INR Six Crore Forty Two Lakh Seventy Five Thousand Nine Hundred and Paise Seventy Three Only
3	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including cleaning of road surface and spraying primer using mechanical means. (A) On WBM/WMM surface @ 0.70- 1.00 kg/Sqm. as per clause 502 of Ministry of Road Transport & Highways Specifications for Road and Bridge Works (Fifth Revision)	191730.000	Sqm	60.27	<b>11555567.10</b>	INR One Crore Fifteen Lakh Fifty Five Thousand Five Hundred & Sixty Seven and Paise Ten Only
4	Providing and applying tack coat with bitumen emulsion using emulsion pressuring distributor m on the prepared bituminous/granular surface cleaned with mechanical broom. (I) On bituminous surface @ 0.20-0.30 kg/sqm as per clause 503 of Ministry of Road Transport & Highways Specifications for Road and Bridge Works (Fifth Revision)	121800.000	Sqm	16.21	<b>1974378.00</b>	INR Nineteen Lakh Seventy Four Thousand Three Hundred & Seventy Eight Only
5	Providing and laying dense graded bituminous macadam with 40-60 TPH batch type HMP producing an average output of 35 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder @ 4.25 per cent 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 required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No.507 complete in all respects. ii) For Grading II (19 mm nominal size) A) Using Bitumen 60/70	6090.000	cum	12920.21	<b>78684078.90</b>	INR Seven Crore Eighty Six Lakh Eighty Four Thousand & Seventy Eight and Paise Ninety Only
6	Providing and laying bituminous concrete with 40-60 TPH batch type hot mix plant producing an average output of 35 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.5 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 smoth desired compaction as per MoRTH specification clause No.509 complete in all respects. ii) Grading - II-13 mm (Nominal Size)	7663.200	cum	14271.46	<b>109450681.03</b>	INR Ten Crore Ninety Four Lakh Fifty Thousand Six Hundred & Eighty One and Paise Three Only
7	Metal Beam Crash Barrier Type - a, "W": Metal Beam Crash Barrier 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, ISMB 150 x 75 x 5 mm spaced 2 m centre, 1.8 m high, 1.1 m below road/ road level, all steel parts and fittings 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 150 x 75 x 5 mm, 330 mm long complete as per clause 810 a) For Post Height of 1.2m	2060.000	Rm	5185.47	<b>10682068.20</b>	INR One Crore Six Lakh Eighty Two Thousand & Sixty Eight and Paise Twenty Only
8	Filling Pot-holes and Patch Repairs with Bituminous Concrete, 40mm. Removal of all failed material, trimming of completed excavations to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavaions as per clause 503, back filling the pot holes with hot bituminous material as per clause 504, compacting, trimming and finishing the surface to form a smooth continous surface, all as per clause 3004.2. (B) Grading -II	980.000	sqm	264.39	<b>259102.20</b>	INR Two Lakh Fifty Nine Thousand One Hundred & Two and Paise Twenty Only
<b>Total in Figures</b>					<b>285865936.16</b>	INR Twenty Eight Crore Fifty Eight Lakh Sixty Five Thousand Nine Hundred & Thirty Six and Paise Sixteen Only
<b>Quoted Rate in Words</b>					<b>INR Twenty Eight Crore Fifty Eight Lakh Sixty Five Thousand Nine Hundred &amp; Thirty Six and Paise Sixteen Only</b>	

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1	Providing and supply of Following manpower for misc. work as when required basis as per instruction of the Engineer.					
1.01	Mate/Supervisor	200.000	Per Day	450.00	90000.00	INR Ninety Thousand Only
1.02	Helper/Beldar/Coolie	400.000	Per Day	300.00	120000.00	INR One Lakh Twenty Thousand Only
1.03	Security Guard	200.000	Per Day	450.00	90000.00	INR Ninety Thousand Only
Total in Figures					300000.00	INR Three Lakh Only
Quoted Rate in Words		INR Three Lakh Only				