

VOLUME-II

PERCENTAGE BOQ

Validate	Print	Help	Percentage BoQ		
Tender Inviting Authority: NHIDCL					
Name of Work: Short Term Improvement & Routine Maintenance of Imphal-Jiribam Road from Km 75.00 to Km 145.00(Length=70 Km) of NH-53 (New NH-37) (Package-II) in the state of Manipur.					
Contract No: NHIDCL/Manipur/NH-53(New NH-37)/Maintenance/Pkg-II					
Bidder Name :					
PRICE SCHEDULE					
(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	11884358.34	INR One Crore Eighteen Lakh Eighty Four Thousand Three Hundred & Fifty Eight and Paise Thirty Four Only
1.02	Road property Management and other maintenance	Nos	0.00	203770.28	INR Two Lakh Three Thousand Seven Hundred & Seventy and Paise Twenty Eight Only
1.03	Safety Improvement (Engineering works)	Nos	0.00	280520650.94	INR Twenty Eight Crore Five Lakh Twenty Thousand Six Hundred & Fifty and Paise Ninety Four Only
1.04	Incident Management	Nos	0.00	270000.00	INR Two Lakh Seventy Thousand Only
Total in Figures				292878779.56	INR Twenty Nine Crore Twenty Eight Lakh Seventy Eight Thousand Seven Hundred & Seventy Nine and Paise Fifty Six 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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Sl. No.	Item Description	Quantity	Units	Estimated Rate	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT In Words
1	2	4	5	6	53	55
1	Laying and Jointing PVC Pipe. Heading					
1	Hill side Drain Clearance Removal of earth from the choked hill side drain and disposing it on the valley side manually	9000.000	Rm	28.62	257580.00	INR Two Lakh Fifty Seven Thousand Five Hundred & Eighty 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.	21600.000	cum	69.55	1502280.00	INR Fifteen Lakh Two Thousand Two Hundred & Eighty 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.	1518.000	cum	6669.63	10124498.34	INR One Crore One Lakh Twenty Four Thousand Four Hundred & Ninety Eight and Paise Thirty Four Only
Total in Figures					11884358.34	INR One Crore Eighteen Lakh Eighty Four Thousand Three Hundred & Fifty Eight and
Quoted Rate in Words		INR One Crore Eighteen Lakh Eighty Four Thousand Three Hundred & Fifty Eight and Paise Thirty Four Only				

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1	Reinforced cement concrete M15 kilometer					
1.01	5th KM stone	14.000	each	4224.98	59149.72	INR Fifty Nine Thousand One Hundred &
1.02	Ordinary kilometer stone	56.000	each	2582.51	144620.56	INR One Lakh Forty Four Thousand Six
Total in Figures					203770.28	INR Two Lakh Three Thousand Seven Hundred & Seventy and Paise Twenty Eight
Quoted Rate in Words		INR Two Lakh Three Thousand Seven Hundred & Seventy and Paise Twenty Eight Only				

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1	Earth Works					
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	30000.000	cum	249.56	7486800.00	INR Seventy Four Lakh Eighty Six Thousand Eight Hundred 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. By Mechanical Means I.R.C. Grade-III	13571.250	cum	3806.85	51663713.06	INR Five Crore Sixteen Lakh Sixty Three Thousand Seven Hundred & Thirteen and Paise Six Only
3	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing 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)	180950.000	Sqm	61.11	11057854.50	INR One Crore Ten Lakh Fifty Seven Thousand Eight Hundred & Fifty Four and Paise Fifty Only
4	Providing and applying tack coat with bitumen emulsion using emulsion pressuring distributor 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)	138950.000	Sqm	17.06	2370487.00	INR Twenty Three Lakh Seventy Thousand Four Hundred & Eighty Seven 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	6160.000	cum	12366.39	76176962.40	INR Seven Crore Sixty One Lakh Seventy Six Thousand Nine Hundred & Sixty Two and Paise Forty 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 smooth desired compaction as per MoRTH specification clause No.509 complete in all respects. ii) Grading -II-13 mm (Nominal Size)	7868.000	cum	13739.35	108101205.80	INR Ten Crore Eighty One Lakh One Thousand Two Hundred & Five and Paise Eighty 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	2160.000	Rm	5192.47	11215735.20	INR One Crore Twelve Lakh Fifteen Thousand Seven Hundred & Thirty Five 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 excavations 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 continuous surface, all as per clause 3004.2 .(B) Grading -II	250.000	sqm	264.39	66097.50	INR Sixty Six Thousand & Ninety Seven and Paise Fifty Only
9	Providing Mild Steel Plate for bridge work	120.000	Tonne	100880.71	12105685.20	INR One Crore Twenty One Lakh Five
10	Fixing Mild Steel Bolts and Nuts for bridge work	2.500	Tonne	110444.11	276110.28	INR Two Lakh Seventy Six Thousand One
Total in Figures					280520650.94	INR Twenty Eight Crore Five Lakh Twenty Thousand Six Hundred & Fifty and Paise
Quoted Rate in Words		INR Twenty Eight Crore Five Lakh Twenty Thousand Six Hundred & Fifty and Paise Ninety Four Only				

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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	180.000	Per Day	450.00	81000.00	INR Eighty One Thousand Only
1.02	Helper/Beldar/Coolie	360.000	Per Day	300.00	108000.00	INR One Lakh Eight Thousand Only
1.03	Security Guard	180.000	Per Day	450.00	81000.00	INR Eighty One Thousand Only
Total in Figures					270000.00	INR Two Lakh Seventy Thousand Only

Quoted Rate in Words

INR Two Lakh Seventy Thousand Only