

Name of Work :-

CR to Various Road Under R&B Sub Division, Patan

(1) Lanva - Manud - Sander - Balisana Road Km. 0/000 to 16/400

(2) Sinhi - Sander - Ranuj - Sankhari - Patan Road Km. 0/000 to 5/150

(3) Pimpal - Sarsav - Vasai - Finchal Road Km. 0/0 to 8/500

(4) Sander - Dabhadi - Ruvavi - Unava to SH Road Km. 0/0 to 7/500

(5) Islampura - Sojintra - Ganget Road Km. 0/0 to 2/750

(6) Delmal - Bhatsar - Vadali road Km 14/200 to 28/200

(7) Shihori - Patan Road Km. 9/460 to 34/000 (SH-130)

(8) Kansa - Charup - Kimbuva Road Km. 0/000 to 12/600 (MDR)

(9) Sinhi - Sander - Ranuj - Sankhari - Patan Road Km. 0/000 to 22/980

(10) Chanasma - Patan - Deesa Road Km. 94/400 to 95/500

(11) Harij - Patan Road Km. 15/000 to 27/000 (SH-10)

(12) Sujnipur - Dunawada Rod Km. 0/0000 to 13/800 (MDR)

(13) Bepader - Dunawada Road Km. 0/000 to 5/340

(14) CR to Maniyari - Mithighariyal to S.H.road km 0/00 to 7/825

(15) CR to Bhatsar - Dharmoda -Sedhal -Kharighariyal - Chandrumana road Km.0/00 to 6/7005

(Asphalt Patch & MISC Work)

Bill of Quantity

It No.	Quantities estimated but may be more or less	Item of Work	Estimated Rate		Unit	Total Amount according to Estimated Qty
			Rs. In Figures.	In Words		
1	2	3	4	5	6	7
1	3937.50	Engaging earth excavator for scarifying existing B.T. surface 25mm to 30mm depth including stacking useful materials on road side and disposing off remaining stuff and Hire charges of excavator including diesel labourers drivers etc complete as directed.	4.57	Rupees Four And Paise Fifty Seven Only	Sq.mt.	17994.38
2	395.00	Providing & laying 50 mm thick B.M. with B.T. aggregates as per M.O.R.T.&H. specification & asphalt for tack coat at the rate of 2.5 kg./ 10 Sqm. with sprayer & bitumin grade VG - 30 for mixing at the rate of 34 Kg./M.T. i.e.3.40% of total weight of mix including heating the aggregare & asphalt in continuous batching drum mix plant and spreading the same and consolidation with vibratory roller including all materials equipments, tools & plants, fire wood, oil, kerosene, labour charges etc complete using contractor's own machinery drum mix plant etc. complete.	3690.29	Rupees Three Thousand Six Hundred Ninety And Paise Twenty Nine Only	MT	1457664.55
3	395.00	Providing & laying 25mm. thick compacted SDBC with B.T. Stone chips as per MORT&H gradation & specification& asphalt for tack coat at the rate of 2.5 kg./ 10 Sqm. with sprayer using bulk asphalt VG-30 for mixing at the rate of 50.00 Kg./MT by wt. of total mix i.e.(5.00% by weight of total mix) incl. heating the asphalt & aggregates by contineous batching drum mix plant & spreading the same incl. rolling & Consolidation with 10-12 tonnes vibratory r roller & pro. all materials, equipments, tools and plants, fire wood, oil, kerosene, labour charges etc and using contractor's own machinaries drum mix plant	4756.42	Rupees Four Thousand Seven Hundred Fifty Six And Paise Forty Two Only	MT	1878785.90

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			Rs. In Figures.	In Words		
1	2	3	4	5	6	7
4	283.00	Providing & laying 30 mm. thick Compacted Asphaltic Concrete with BT aggregate as per MORT&H gradation & specification & asphalt for tack coat at the rate of 2.5 kg./ 10 Sqm. with sprayer using asphalt VG-30 for mixing at the rate of 55 Kg./M.T. i.e. 5.50% of total weight of total mix including heating the aggregate & asphalt in continuous batching drum mix plant & spreading the same by paver finisher & consolidation with vibratory roller & flushing sand @ 0.30 Cum/ 100 Smt. including providing all materials equipments, tools & plants, fire wood, oil, kerosene, labour charges etc complete using constrictor's own machinery drum mix plant & manually etc complete.	5004.40	Rupees Five Thousand Four And Paise Forty Only	MT	1416245.20
5	370.00	Providing & laying 50 mm thick compacted D.B.M. with B.T. stone aggregates as per MORT&H gradation & specification with sprayer and bitumen grade (VG-30) for mixing at the rate of 45.0 kg/M.T. by weight of total mix i.e.(4.5% by weight of total mix) including heating the asphalt & aggregates by continuous batching drum mix plant & spreading the same including rolling & consolidation with 10-12 tones vibratory and power roller & providing all materials, equipments, tools & plants, fire wood, oil, kerosene, labour charges etc. and using contractors own machineries drum mix plant etc. comp. (Without Tack Coat)	4218.88	Rupees Four Thousand Two Hundred Eighteen And Paise Eighty Eight Only	MT	1560985.60
6	11752.50	Providing and laying Surface painting or dressing for crack sealing / filling on BT Surface with bitumen grade (VG-30) at the rate of 10.00 kg/10 sqm by mechanical spreyer and spreading the stone dust on prepared surface at the rate of 0.03 cum/10 sqm and rolling with smooth wheeled and penumatic roller and brushing etc.complete	89.30	Rupees Eighty Nine And Paise Thirty Only	Sq.mt.	1049498.25
7	270.95	Peroviding and Laying Comapcted WBM 150mm thickness of B.T.M.C. metal of size 43 to 63mm size. Incl. using 20% grit & stone screening & stone dust as filler incl. spreading watering & consoladition by vibratory roller etc. complete. (Grade - I)	2284.89	Rupees Two Thousand Two Hundred Eighty Four And Paise Eighty Nine Only	Cu.mt.	619090.95
8	218.70	Providing, laying, spreading and compacting graded machine crushed black stone aggregates to wet mix macadam (WMM) in layers including premixing the material with water to O.M.C. in mechanically mix (Pug-mill) carriage of mix material by tipper to site, laying in uniform layers in base course on well prepared under base and compacting with power vibratory roller to achieve the desired density including lighting, guarding, barricading, benching and maintenance of diversion etc. complete.	2279.26	Rupees Two Thousand Two Hundred Seventy Nine And Paise Twenty Six Only	Cu.mt.	498474.16

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1	2	3	4	5	6	7
9	1806.25	Providing and applying Primer Coat at 0.75 Kg./Smt. Over prepared surface of granular base with emulsion bitumen heated in bitumen boiler fitted with a spray set incl. cleaning of road surface complete.	119.59	Rupees One Hundred Nineteen And Paise Fifty Nine Only	Sq.mt.	216009.44
10	154.00	Hire charges for Tractor With Pavada with Diesel & Driver	251.65	Rupees Two Hundred Fifty One And Paise Sixty Five Only	Per Hrs	38754.10
11	152.00	Hire charges for Tractor With Trolley with Diesel & Driver	251.65	Rupees Two Hundred Fifty One And Paise Sixty Five Only	Per Hrs	38250.80
12	272.00	Hire Charge for Engaging Excavator with Diesel & Driver	862.77	Rupees Eight Hundred Sixty Two And Paise Seventy Seven Only	Per Hrs	234673.44
13	320.00	Engaging Labour for maintenance of Roads & Buildings within the limit of Municipalities and the areas falling within the jurisdiction of concern Urban Development Authority (Zone-I) excluding GST 18% and other responsibilities with profit	713.46	Rupees Seven Hundred Thirteen And Paise Forty Six Only	Nos.	228307.20
14	218.00	Hire Charges for Tendon Road Roller	667.27	Rupees Six Hundred Sixty Seven And Paise Twenty Seven Only	Per Hrs	145464.86
15	151.00	Hire Charges for Brommer	4242.00	Rupees Four Thousand Two Hundred Forty Two Only	Per Day	640542.00
16	23460.00	Tipper-18 Cum (Surface Road)	8.31	Rupees Eight And Paise Thirty One Only	Per KM/Tonne	194952.60
17	15.00	Hire Charges for mobilization of Road Roller / Paver machine from Plant site of work	12120.00	Rupees Twelve Thousand One Hundred Twenty Only	Job	181800.00
18	159.00	Hire Charges for Paver Finisher Mechanical	2985.16	Rupees Two Thousand Nine Hundred Eighty Five And Paise Sixteen Only	Per Hours	474640.44
19	35.50	Supply of ready made bituminous cold mix pothole patching material for B.T. surface patch using medium curing cut-back bitumen MC-800 at the rate of 5.6% of total mix and it shall be conforming to IS L 2017 specification, including heating the material as specified in section 4 and materials stacked at the site of work by contractor's own dumper as and where directed within 60 Km lead from patan sub division. including providing all materials equipment T&P Oil, kerosene, labour charges etc. complete.	20200.00	Rupees Twenty Thousand Two Hundred Only	MT	717100.00
20	230.00	Hire Charges for Motor grader for grading @ 100 cum per Hour	1586.89	Rupees One Thousand Five Hundred Eighty Six And Paise Eighty Nine Only	Per Hours	364984.70

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1	2	3	4	5	6	7
21	707.50	Providing and laying 37.50mm thick Built Up Spray Grout in one layer using bitumen for tack coat at the rate 7 kg./10 Sq.mt. on WBM/BT surface with spreading stone aggregate at the rate of 0.50 Cu.mt./10 Sq.mt. with dry rolling and second application of bitumen binder 13 Kg./10Sq.mt. and application of key aggregates over first compacted layer at the rate 0.13 Cu.mt/10 Sq.mt. spreading uniformly so as to cover surface completely including cost of stone aggregate., bitumen, rolling and compection with vibratory roller, necessary fire wood labour charges machineries equipment tools etc complete.	242.55	Rupees Two Hundred Forty Two And Paise Fifty Five Only	Sq.mt.	171604.13
22	89.00	Providing and laying 75 mm thick Bituminous Grout (BUSG) compacted with B.T. aggregate as per M.O.R.T. & H. specification and using emulsion (RS1) as per IS - 8887 for tack coat @ 2.50 KG. / 10 Sq.m. with mechanical sprayer and Bulk asphalt VG-30 for mixing @ 19.90 KG. / M.T. i.e. 1.99 % of total weight of mix, including heating and mixing asphalt and aggregate by continuous of drum mix plant and hot laid process laying with paver finisher and consolidation with roller as per M.O.R.T. & H specification to achieve desire density, including cost of labour, materials and plant, fuel, oil, kerosene, labour charges etc. complete using contractor's own machinery drum mix plant and paver finisher etc. complete.	3044.54	Rupees Three Thousand Forty Four And Paise Fifty Four Only	MT	270964.06
Total Rs.						12416786.76

In Word :- Rupees One Crore Twenty Four Lakh(s) Sixteen Thousand Seven Hundred Eighty Six And Paise Seventy Six Only

I / We am / are willing to carry out the work at % Above / Below percent (Should be written in figures and words) of the estimated rates mentioned above. Amount of my / our tender works out as under.

*	*
Estimated Amount	Estimated Amount
Put to Tender Rs.....	Put to Tender Rs.....
Add % Above Rs.....	Deduct % Below Rs.....
Net Rs.....	Net Rs.....
In words	In words
.....

* (Please strike out whichever is not applicable)

Dated Signature of the contractor

**Deputy Executive Engineer
Road & Building Sub Division
Patan**

**Executive Engineer
Road & Building Division
Patan**