

Kheralu Nagarpalika, Kheralu

Name of Work : Bid Documents for Annual Contract Rate for Asphalt Patchwork in Various Area At.Kheralu Nagarpalika Under Self-Funding, Dist:- Mehsana (2nd Attempt)

SCHEDULE-"B"

Item No.	Quantities Estimated but may be more or less		Item of work	Tender Rate		Unit	Total Amount according to Estimated Quantities
				In Figures	In Words		
1	1.00	Hectare	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (A) By manual means in area of light jungle			Hectare	
2	1.00	Cu.Mt.	Providing and laying compacted W.B.M. 150mm thick of machine crushed B.T.metal of size 45mm to 63mm with using 20% stone screenings as filler grit and stone dust including spreading, wateriang & consolidation by vibratory roller etc. complete.			Cu.Mt.	
3	1.00	Cu.Mt.	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 OMC in mechanically mix (Pug-mill) carriage of mix material by tipper to site, laying.			Cu.Mt.	
4	1.00	Sq.Mt.	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.			Sq.Mt.	
5	1.00	MT	Providing and laying bituminous 50.00mm thick Bitumen macadam with asphalt 60/70 for tack coat @ 2.5 kg./10 Smt. in one or two layers considering 0.66 cum. per M.T. mix materials with machine crused stone aggregates and Asphalt grade VG-30 {60/70} for mixing @ 34.00 Kg./M.T. i.e. 3.4% by total weight of the mix and including heating the aggregates and asphalt by continuous batching of drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller 80 to 100 KN static weight including providing all materials, equipments, tools and plant, oil, kerosene, firewood, labour charges etc. comp. using contractor's own machineries, drum mix plant and paver finisher etc. complete.			MT	

6	1.00	MT	Providing and laying Builtup spray grout base 37.50 mm thick (Average) layer with Asphalt 60/70 for tack coat at the rate of 2.5 kg./10 Sqm. With mehanical sprayer on B.T. surface and using B.T. stone aggregates as per required gradation with the asphalt of 60/70 grade at the rate of 1.99% i.e.19.90 Kg./M.T. by weight by mix including heating and mixing in drum mix plant, transporting the mix spreading the same by sensor paver finishor and conslidation by vibrator roller MORTH specification including cost of all materials, fuel labours, tools and plant etc. using contractor won drum mix plant etc. complete.			MT	
7	1.00	MT	Providing & laying 20mm thick Mix Seal Surfacing using stone chipping & aggregate as per M.O.T.&.H. specification & asphalt grade VG-30 60/70 for mixing at the rate of 50.90 Kg./M.T i.e.5.09% of total weight of 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 wquipments, tools & plants, fire wood, oil, kerosene, labour charges etc. complete using constractors own machinery drum mix plant & paver finisher etc. complete.			MT	
8	1.00	Sq.Mt.	Providing & Applying Ashphalt pinting by spraying asphalt 80/100 grade of 5.00 kg/10 smt. & than spreading sand at a rate 0.03 cmt/10 smt. Including preparing surface heating asphalt etc. complete as directed.			Sq.Mt.	
9	1.00	Sq.Mt.	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excludng of surface applied glass beds as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficin et on cemend road shall be min 130mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years.			Sq.Mt.	

10	1.00	Each	Cat Eye / Road Stud / RPM: Supplying Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with Micro prismatic lens (No Glass bead lens) capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 D DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The body of the marker should having finger grip for easy and accurate placement and application with epoxy / bituminous Adhesive as recommended by the manufacturer of the marker. The color of the marker should be as per the IRC 352015 and as directed by Engineer-in-charge.			Each	
						Total	
						Say	

(A) Total Tendered Amount Rs.

(B) Rebate on above tendered amount (if any) _____ % (In figures) Rs. _____ in word.

(C) Net Tendered Amount (A - B)
in words (Rupees _____)

The 18% GST will be Paid Separately for the tender rate shown in the Schedule B

The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In- Charge for which no extra payment shall be made.

The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

GST and Income tax TDS will be deducted at a source while making payments of bills

Note - 1 All work shall be carried out as per Public Works Department Handbook and other Specifications of Division or as directed.

Note - 2 All work columns is schedule should be filled in link and the total of entries in the last column should be struck by the Contractor

Note - 3 Rates quoted include clearance of site (Prior commencement of work and at its close) in all respects and hold good the work

Signature of Contractor

Signature of Chief Officer