

Name Of Work :-  
M&R work for Premonsoon Work-2026 of various Roads Under Kadi Section 2 of R & B Sub Division, Kadi, Dist. Mehsana.

**Schedule "B"**

Item No.	Quantity Estimated But may be more or less	ITEM DESCRIPTION	Estimated Rate		Unit	Total Amount According to Estimated Quantity
			In Figure Rs. Ps.	In words		
1	175.000 ✓	Construction of Granular Sub base by providing GSB Grade-V Close graded material using MC Metal 53mm to 26.5 mm @ 27.5%, Aggregate 26.5 mm to 9.5 mm @ 22.5 %, Aggregate 9.5 mm to 4.75 mm @ 12.5 %, 4.75 mm below @ 37.5 % including Spreading in uniform layers with motor grader on prepared	1793.76 ✓	Rupees One Thousand Seven Hundred Ninety Three And Paise Seventy Six Only	Cmt ✓	3,13,908.00 ✓
2	115.000 ✓	Providing and laying W.B.M. of M.C. metal of size 45 mm to 63 mm size including 20% Gritt {Stone scrinning} & stone dust as filler including spreading, watering & consolidation by vibratory roller 80KN to 100KN static weight. {As Per R.A.}	2417.94 ✓	Rupees Two Thousand Four Hundred Seventeen And Paise Ninety Four Only	Cmt ✓	2,78,063.10 ✓
3	430.000 ✓	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. {As Per R.A.}	1993.74 ✓	Rupees One Thousand Nine Hundred Ninety Three And Paise Seventy Four Only	Cmt ✓	8,57,308.20 ✓
4	2867.000 ✓	Providing and applying Tack coat with bitumen VG 30 on prepared surface of B.T Surface including clearing the road surface and spraying tack Coat of the rate of 2.50 Kg. / 10 Sq.Mt.	19.21 ✓	Rupees Nineteen And Paise Twenty One Only	Smt ✓	55,075.07 ✓

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			In Figure Rs. Ps.	In words		
5	237.000 ✓	Providing and laying 37.50 mm thick bituminous macadam with B.T. Aggregates as per M.O.R.T. & H gradation and asphalt grade VG-30 for for mixing @ 34.00 Kg. / M.T. i.e. 3.4% by total weight of the mix, 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. <u>com. usina contractor's own machineries. drum</u>	3601.66 ✓	Rupees Three Thousand Six Hundred One And Paise Sixty Six Only	MT ✓	8,53,593.42 ✓
6	132.000 ✓	Providing & Laying 20 mm thick Mix Seal Surfacing using stone chipping as per MORT & H gradation & specification & Asphalt grade VG-30 for mixing @ 50.90 Kg./ M.T. i.e. 5.09 % by Weight of total mix including heating the aggregate in continuous batching drum mix plant, transporting the mix and 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 contractor's own machinery drum mix plant & paver finisher etc. complete.	4699.53 ✓	Rupees Four Thousand Six Hundred Ninety Nine And Paise Fifty Three Only	MT ✓	6,20,337.96 ✓

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			In Figure Rs. Ps.	In words		
7	350.000	Providing & Laying 20 mm thick Mix Seal Surfacing using stone chipping as per MORT & H gradation & Asphalt grade VG- 30 for mixing @ 50.90 Kg/ M.T. i.e. 5.09 % by Weight of total mix including heating the aggregate in continuous batching drum mix plant, transporting the mix and spreading the same by manually 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 contractor's own machinery drum mix plant & paver finisher etc. complete.	4318.76	Rupees Four Thousand Three Hundred Eighteen And Paise Seventy Six Only	MT	15,11,566.00

Item No.	Quantity Estimated But may be more or less	ITEM DESCRIPTION	Estimated Rate		Unit	Total Amount According to Estimated Quantity
			In Figure Rs. Ps.	In words		
8	4.000 ✓	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminium composite Panel); size 60x50 cm as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge.The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from originaa manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	4681.35 ✓	Rupees Four Thousand Six Hundred Eighty One And Paise Thirty Five Only	No ✓	18,725.40 ✓

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9	3.000	Curve/Cautionary Warning Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	5077.27	Rupees Five Thousand Seventy Seven And Paise Twenty Seven Only	No	15,231.81

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10	2,000 ✓	Direction (Junction) Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 244x122 cms. rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr long (2 Nos.) stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol foreach board shall be as per theinstruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	26572.09 ✓	Rupees Twenty Six Thousand Five Hundred Seventy Two And Paise Nine Only	No —	53,144.18 ✓

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11	4.000	Village Name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminium composite Panel); size 90X60 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol or inscription/letters / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg.including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 10 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (A) Class-C Type-11 Retro Reflective sheeting	6313.51	Rupees Six Thousand Three Hundred Thirteen And Paise Fifty One Only	No	25,254.04

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12	4.000 ✓	Supplying and fixing jumbo bollard swiss type made out of 1.5 mm crc sheet , hight 188 cms bottom dia. 30 cm, top dia. 18 cm. with direction plate of 45 cm dia. Fabricated as per drawing pre treated with phosphering process painted with epoxy coating, reflectorised with retro reflective sheeting specified by MORT&H latest specification and fixing in size 45cm x 45 cm x 60 cm in concrete grade 1:2:4 (1 cement :2 fine sand :4 aggregate as specified by Engineer Incharge. (B) High Intensity Grade.	7272.00 ✓	Rupees Seven Thousand Two Hundred Seventy Two Only	No ✓	29,088.00 ✓
13	600.000 ✓	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 excluding 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 coefficient on cement road shall be min 130 mcd/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.	367.72 ✓	Rupees Three Hundred Sixty Seven And Paise Seventy Two Only	Smt ✓	2,20,632.00 ✓

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14	150.000 ✓	Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length, 30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1cement:3fine sand) etc complete.	374.92 ✓	Rupees Three Hundred Seventy Four And Paise Ninety Two Only	Rmt ✓	56,238.00 ✓
15	900.000 ✓	Providing oil paint colour to Center verge (Kerb) by Yellow and Black patta (Three Coat) one coat of priming & two coat of oil Paint including cost of material required for paint and all labour work etc complete as per direction.	130.08 ✓	Rupees One Hundred Thirty And Paise Eight Only	Sqmt ✓	1,17,072.00 ✓

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16	100.000 —	Cat Eye / Road Stud / RPM: Supplying of Molded Twin Shanks 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 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30+/- 2 mm) from the body is to be a minimum value of 500 Kj. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge. {SOR. It. Code. 26162a, P. No.254}	326.23 —	Rupees Three Hundred Twenty Six And Paise Twenty Three Only	No —	32,623.00 —
17	1400.000 —	Providing and laying asphalt painting on BT surface with bitumen grade VG-30 at the rate of 5 Kg /10 Sqm. By mechanical sprayer and spreading the stone dust on prepared surface at the rate of 0.03 Cum. / 10 Sqm. etc. complete and rolling with roller and brushing etc. complete.	47.17 —	Rupees Forty Seven And Paise Seventeen Only	Smt —	66,038.00 —
<b>Total Amount Put to Tender</b>						<b>51,23,898.18</b>
<b>Rupees Fifty One Lakh(s) Twenty Three Thousand Eight Hundred Ninety Eight And Paise Eighteen Only</b>						

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

Estimated amount put to tender  
Deduct.....% below  
Net  
In words


Estimated amount put to tender  
Add.....% Above  
Net  
In words

**Credit for Dismantal material and Recovery (Fix Deduction) ₹. 0=00**

**Note :-**

- 1 The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no
- 2 The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
- 3 GST and Income tax TDS will be deducted at a source while making payments of bills
- 4 In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement

Dated Signature  
the Contractor.

  
Deputy Executive Engineer  
R&B Sub Division  
Kadi

Executive Engineer  
R&B Division  
Mehsana