

Name of Work:

CR - YEAR : 2026- 2027 : CURRENT REPAIRS FOR ROAD WORKS IN - SIDDHPUR - TALUKO OF SUB DIVISION , SIDDHPUR - DISTRICT : PATAN.

SCHEDULE – B
QUANTITY STATEMENT

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Estimated rate		Amount
				Rate In figures	In words	
1	3	2	6	4	5	7
1	Providing, laying Bituminous spray grout one layer 37.50 mm thick asphalt for tack coat 2.50 Kg/ 10 Sq.M. on BT surface and asphalt grade VG-30 for grout at the rate of 15.00 Kg /10 Sq.M. for one layer and using M.C .Aggregate at 0.50 Cu.M. / 10 Sq.M for one layer and key aggregate at 0.13 Cu.M. /10 Sq.M. and after spreading the stone aggregate layer to be rolled by vibratory roller of 80 Kn to 100 Kn static weight etc complete including cost of stone aggregate, asphalt and rolling etc complete.(RA)	1.00	MT	2437.13	Rupees Two Thousand Four Hundred Thirty Seven and Paise Thirteen Only	2437.13
2	Providing and laying 37.5mm thick bituminous spray grout base course using M.C stone B.Tstone. as per gradation and asphalt VG-30 for mixing 1.99% of mix i.e 19.90/MT by weight including heating the asphalt and aggregate by hot mix hot laid process using drum mix plant beaching, spreading the same by paver finisher and consolidation with vibratory roller including the cost of labour ,oil, lubricants etc. using contractors own machineries and plant including applying tack coat over WBM surface 4.0kg/10sqm. (R A)	1.00	MT	3317.85	Rupees Three Thousand Three Hundred Seventeen and Paise Eighty Five Only	3317.85
3	Providing and laying 37.50 mm thick B.M. using M.C stone B.T. stone. as per M.O.R.T. & H. specification & asphalt for tack coat at the rate of 2.5 Kg./10 Sqm. with mechanical sprayer & bitumen 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 aggregate and asphalt in continuous batching drum mix plant and spreading the same by Manually and consolidation with vibratory roller including paving 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. (R.A.)	1.00	MT	4031.92	Rupees Four Thousand Thirty One and Paise Ninety Two Only	4031.92
4	Providing and applying Asphalt Painting on B.T. surface with mechanical sprayer using bitumen VG-30 at the rate of 5.00 kg/10 smt and spreading stone dust on painting surface at the rate of 0.03 cum/10 sq mt and rolling with smooth wheeled and pneumatic roller and brushing etc. complete. (R A)	1.00	Sq.mt	71.15	Rupees Seventy One and Paise Fifteen Only	71.15
5	Providing and laying 37.5mm thick bituminous spray grout base course using M.C stone B.Tstone. as per gradation and asphalt VG-30 for mixing 1.99% of mix i.e 19.90/MT by weight including heating the asphalt and aggregate by hot mix hot laid process using drum mix plant beaching, spreading the same by paver finisher and consolidation with vibratory roller including the cost of labour ,oil, lubricants etc. using contractors own machineries and plant including applying tack coat over WBM surface 4.0kg/10sqm. (R A)	1.00	MT	4195.54	Rupees Four Thousand One Hundred Ninety Five and Paise Fifty Four Only	4195.54

6	Providing and laying premix seal coat using B.T.chips (6 to 10mm size) 0.24 Cum./10 Sq.mt. i.e. 0.66 Cum. aggregate / 1 M.T. mix and asphalt grade VG-30 at the rate of 4.5% of mix i.e. 45 Kg./MT including heating the asphalt and aggregate by continuous batching drum mix plant, transporting the mixed material by tipper trucks and spreading the same by Manually and consolidation by vibratory roller of 80 to 100 KN static weight including providing equipment, tools and plant, firewood lubricants, kerosene, oil, labour charges using contractor's own machineries drum mix plant and paver finisher. (R A)	1.00	MT	4631.86	Rupees Four Thousand Six Hundred Thirty One and Paise Eighty Six Only	4631.86
7	Providing and laying premix seal coat using B.T.chips (6 to 10mm size) 0.24 Cum./10 Sq.mt. i.e. 0.66 Cum. aggregate / 1 M.T. mix and asphalt grade VG-30 at the rate of 4.5% of mix i.e. 45 Kg./MT including heating the asphalt and aggregate by continuous batching drum mix plant, transporting the mixed material by tipper trucks and spreading the same by paver finisher and consolidation by vibratory roller of 80 to 100 KN static weight including providing equipment, tools and plant, firewood lubricants, kerosene, oil, labour charges using contractor's own machineries drum mix plant and paver finisher. (R A)	1.00	MT	4795.48	Rupees Four Thousand Seven Hundred Ninety Five and Paise Forty Eight Only	4795.48
8	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 beads as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra pattern /bump pattern lane/center line/ edge line/cut pattern. The white color marking should provide luminance coefficient on cement road shall be min 130 mcd/m ² /lux and Asphalt road shall be min 100 mcd/m ² /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. (26161)	1.00	Sq.Mt	367.72	Rupees Three Hundred Sixty Seven and Paise Seventy Two Only	367.72
9	Supplying & Fixing CATS EYE (Stimsonite) made out from Acrylo butyle styrene high compression injection moulding with reflector made of MMC(Prismatic type of size 12 cm x 6 cm x 2.5cm) providing with bituminous adhesive 100gm with each unit for fixing. (High Intensity grade).(26163)	1.00	Nos	375.72	Rupees Three Hundred Seventy Five and Paise Seventy Two Only	375.72
10	Providing hard side shoulder of 100 mm thick for embankment using quarry spall with all lead and lift and including watering and rolling and consolidation of sub grade in layers at OMC to required dry density including filling depression which occur during the process using vibratory roller of 80 KN to 100 KN (selected quarry spall having CBR value not less than 20.0)	1.00	Cum	1104.94	Rupees One Thousand One Hundred Four and Paise Ninety Four Only	1104.94

11	Providing and laying, spreading and compacting 150 mm thick graded stone aggregate to Wet Mix Macadam (W.M.M.) 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 manual means Labour Finisher in sub-base /base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (RA)	1.00	Cum	1974.55	Rupees One Thousand Nine Hundred Seventy Four and Paise Fifty Five Only	1974.55
12	Providing and laying W.B.M of B.T.M.C metal of size 45 mm to 90 mm size including 0.27 Cu.m. stone screening & 0.08 Cu.M. stone dust as filler including spreading, watering & consolidation by vibratory roller 80KN to 100KN static weight. 100 mm thick compacted. {As per R.A.}	1.00	Cum	2384.61	Rupees Two Thousand Three Hundred Eighty Four and Paise Sixty One Only	2384.61
13	Providing and laying W.B.M of B.T.M.C metal of size 45 mm to 63 mm size including 0.12 Cu.M. Stone Screening & 0.08 Cu.M. stone dust as filler including spreading, watering & consolidation by vibratory roller 80KN to 100KN static weight. 75 mm thick compacted each of two layer. {As per R.A.}	1.00	Cum	2256.34	Rupees Two Thousand Two Hundred Fifty Six and Paise Thirty Four Only	2256.34
14	Providing and laying rubble for apron (each stone weighting not less than 40Kg.) including and packing and filling in the interstices with quarry-spalls. (27015A)	1.00	Cum	1000.78	Rupees One Thousand and Paise Seventy Eight Only	1000.78
15	Village name Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90x60 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 High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3mtr long stand post of Iron Angle 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 best quality 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 block of 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 7 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. (B) Class-B Type-4 Retro Reflective sheeting (26101 B)	1.00	Nos	6397.43	Rupees Six Thousand Three Hundred Ninety Seven and Paise Forty Three Only	6397.43

16	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x120 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 High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2 Nos.) long stand post of Iron Angle 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 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 7 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. (B) Class-B Type-4 Retro Reflective sheeting (26099 B)	1.00	Nos	18254.19	Rupees Eighteen Thousand Two Hundred Fifty Four and Paise Nineteen Only	18254.19
17	Chevron Sign :Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminum composite Panel); size 60x50cm 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 High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.3 mtr long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35x35x3mm; 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 7 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-B Type-4 Retro Reflective sheeting (26171)	1.00	Nos	3711.75	Rupees Three Thousand Seven Hundred Eleven and Paise Seventy Five Only	3711.75

18	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 90x30 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 High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr long stand post of Iron Angle 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 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 7 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. (B) Class-B Type-4 Retro Reflective sheeting (26102 B)	1.00	Nos	3518.69	Rupees Three Thousand Five Hundred Eighteen and Paise Sixty Nine Only	3518.69
19	Regulatory/Mandatory signs :-Providing and fixing sing boards made out of 4mm ACP (Aluminium Composite Panel); size 60 cms dia Circle 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 High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MOST Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6 mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of 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 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B Type-4 Retro Reflective Sheeting (26094B)	1.00	Nos	3540.12	Rupees Three Thousand Five Hundred Forty and Paise Twelve Only	3540.12
20	Charges for clearing Road site by removing by ganda baval akadas, bordies etc. upto 3 mt On either sides from edge of B.T. surface including serooting by JCB machine &throwing away all stuff branches etc. with all lead and lift with all material,labour etc.comp.as directed.				Rupees Zero and Paise Zero Only	0.00
20	dense forest BY MECHANICAL MEANS	1.00	Hact	34889.38	Rupees Thirty Four Thousand Eight Hundred Eighty Nine and Paise Thirty Eight Only	34889.38

20	Thorny Jungle MECHANICAL MEANS	1.00	Hact	28455.10	Rupees Twenty Eight Thousand Four Hundred Fifty Five and Paise Ten Only	28455.10
21	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters				Rupees Zero and Paise Zero Only	0.00
21	(i) 300mm dia. (upto 10 ton)	1.00	Rmt	660.00	Rupees Six Hundred Sixty and Paise Zero Only	660.00
21	(ii) 450mm dia. (upto 10 ton)	1.00	Rmt	1190.06	Rupees One Thousand One Hundred Ninety and Paise Six Only	1190.06
21	(iii) 600mm dia. (upto 10 ton)	1.00	Rmt	1968.38	Rupees One Thousand Nine Hundred Sixty Eight and Paise Thirty Eight Only	1968.38
21	(iv) 750mm dia. (upto 10 ton)	1.00	Rmt	2605.57	Rupees Two Thousand Six Hundred Five and Paise Fifty Seven Only	2605.57
22	(v) 900mm dia. (upto 10 ton)	1.00	Rmt	3469.26	Rupees Three Thousand Four Hundred Sixty Nine and Paise Twenty Six Only	3469.26
22	(vii) 1200mm dia. (upto 10 ton)	1.00	Rmt	5560.01	Rupees Five Thousand Five Hundred Sixty and Paise One Only	5560.01
22	Hire Charges for Dumper including Diesel, Driver and Oil for One Day.....ect, Completed (8 Hrs.)	1.00	DAY	2129.08	Rupees Two Thousand One Hundred Twenty Nine and Paise Eight Only	2129.08
23	Flood gauge sign Providing and fixing sign board made out of 4mm aluminium composite sheet size 200 x 43 cms rectangle as per design IRC -76-2012- 3.1 mtr long stand posted frame fabricated from suitable size iron angle coated with one coat of epoxy primer and two coat of best quality epoxy paint refectories with retro reflective engiineering grade sheeting as per latetest M.O.S.T specification the fixing at site shall be in 1:2:4 C C block of size 45 x45 x60 cms excavation curing etc comp B-high intensity grade sheeting (MR)	1.00	nos	3535.00	Rupees Three Thousand Five Hundred Thirty Five and Paise Zero Only	3535.00

24	Providing and erecting a "Thrie" W - metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level. The vertical post fixing at site shall be in M25 grade Cement concrete of size 35 x 35 x 120 cms. for each post including excavation curing etc. complete. All steel parts and fitments to be galvanised by hot dip process, all fittings to confirm 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, 550 mm long complete as per Morth Specification clause 810 including butt welding to all nuts & bolts & including 3 mm ACM type reflector 100 mm wide & 4.5 m long, type -4 class B High intensity Grade Sheeting as per IRC 67:2012 etc. complete as per instruction of Engineer In Charge. Also radium red/yellow colour strip of size 100 x 300 mm shall be fixed on vertical front side of post for better night visibility. The spacer,post, thrie beam rail shall be Cold roll formed & galvanized with 550 gm/ square meter.	1.00	Rmt	5124.74	Rupees Five Thousand One Hundred Twenty Four and Paise Seventy Four Only	5124.74
25	Providing and fixing Pre-cast Rubber Dye/Steel dye inter locking concrete block 60mm thick with grade of concrete M250 pneumatic compressed/Vibrated by mechanically pressed and as per approved design confirming to IS 15658:2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidelines of IRC: SP 63-2018 etc. complete.(14033)	1.00	Sq.Mt	700.74	Rupees Seven Hundred and Paise Seventy Four Only	700.74

26	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete	1.00	Rmt	1210.98	Rupees One Thousand Two Hundred Ten and Paise Ninety Eight Only	1210.98
						159866.07
	In Word					
	Rupees One Lakh Fifty Nine Thousand Eight Hundred Sixty Six and Paise Seven 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 rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put to tender Rs.....

Add.....% Above Rs.....

Net Rs.....

In words.....

Estimated amount put to tender Rs.....

Deduct.....% below Rs.....

Net Rs.....

In words.....

Signature of Contractor

Deputy Executive Engineer
Panchayat R&B Sub Division
Sidhhpur

Executive Engineer
Panchayat R & B Division
Patan

Notes 1 - 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.

Notes 2 - The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

Notes 3 - GST and Income tax TDS will be deducted at a source while making payments of bills.

Note 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 Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.