

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
1	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(i) Fixing in Earth (SOR IT No- 26044A Pg No- 194) SOR 2024-25	It No : 43 Page No-67 Road Specification Booklet		Fixing Hectometer stone in earth instead of CC 1:5:10
2	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii)Fixing in C.C. 1:5:10 (SOR IT No- 26044B Pg No- 194) SOR 2024-25	It No : 43 Page No-67 Road Specification Booklet		
3	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(i) Fixing in Earth (SOR IT No- 26045A Pg No- 194) SOR 2024-25	It No : 44 Page No-67 Road Specification Booklet		
4	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(ii) Fixing in C.C. 1:5:10 (SOR IT No- 26045B Pg No- 195) SOR 2024-25	It No : 44 Page No-67 Road Specification Booklet		Fixing Guard Stone in CC 1:5:10 instead of fixing in earth
5	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(i) Fixing in Earth (SOR IT No- 26046A Pg No- 195) SOR 2024-25	It No : 43 Page No-67 Road Specification Booklet		Fixing Hectometer stone in earth instead of CC 1:5:10
6	Providing and fixing Boundary stone as per I.R.C. design including painting, carving lettering etc. complete.(ii) Fixing in C.C. 1:5:10 (SOR IT No- 26046B Pg No- 195) SOR 2024-25	It No : 43 Page No-67 Road Specification Booklet		
7	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.) (SOR IT No- 26047 Pg No- 195) SOR 2024-25	It No : 45 Page No-68 Road Specification Booklet		Km stone in CC 1:4:8 instead of CC 1:2:4
8	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including letter and paints etc. complete (For N.H., S.H. and M.D.R.) (SOR IT No- 26048 Pg No- 195) SOR 2024-25	It No : 45 Page No-68 Road Specification Booklet		
9	Providing and fixing 5th Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For N.H., S.H. and M.D.R.) (SOR IT No- 26049 Pg No- 195) SOR 2024-25	It No : 46 Page No-68 Road Specification Booklet		Km stone in CC 1:4:8 instead of CC 1:2:4
10	Providing and fixing 5th Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For N.H., S.H. and M.D.R.) (SOR IT No- 26050 Pg No- 195) SOR 2024-25	It No : 46 Page No-68 Road Specification Booklet		
11	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C.1:4:8 including painting and lettering etc. complete (For O.D.Road,V.R.) (SOR IT No- 26051 Pg No- 195) SOR 2024-25	It No : 45 Page No-68 Road Specification Booklet		
12	Providing and fixing ordinary Kilometer stone of precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting,lettering etc. complete (For O.D. road V.R.) (SOR IT No- 26052 Pg No- 195) SOR 2024-25	It No : 46 Page No-68 Road Specification Booklet		
13	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(i) Fixing in Earth (SOR IT No- 26053A Pg No- 195) SOR 2024-25	It No :47 Page No-68 Road Specification Booklet		Fixing Hectometer stone in earth instead of CC 1:5:10
14	Providing and fixing indicator stone of approved stone as per I.R.C. type design in C.C. 1:4:8 including white washing etc. complete.(ii) Fixing in C.C. 1:5:10 (SOR IT No- 26053B Pg No- 195) SOR 2024-25	It No :47 Page No-68 Road Specification Booklet		
15	Painting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R. SOR IT No- 26058A Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
16	Painting and lettering with enamel paint 3- coats etc complete.(ii) Ordinary K.M. Stone for O.D.R. and V.R. SOR IT No- 26058B Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		

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Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
17	Painting and lettering with enamel paint 3- coats etc complete.(iii) Fifth K.M. Stone SOR IT No- 26058C Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
18	Painting and lettering with enamel paint 3- coats etc complete.(iv) Hectometer stone SOR IT No- 26058D Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
19	Painting and lettering with enamel paint 3- coats etc complete.(v) Road sign board. SOR IT No- 26058E Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
20	Painting and lettering with enamel paint 3- coats etc complete.(vi) Village name board SOR IT No- 26058F Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
21	Painting and lettering with enamel paint 3- coats etc complete.(vii)Junction board (SOR IT No- 26058G Pg No- 196) SOR 2024-25	It No :55 Page No-71 Road Specification Booklet		
22	Providing and fixing retro Reflective Hi Intensity Micro Prismatic Grade Board using 2mm Aluminum / 4mm ACP, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxy reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:2:4 with necessary excavation curing etc. complete as per I.R.C. 67-2012 design. 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(MDR/ODR) retro reflective sheeting (SOR IT No- 26091 Pg No- 201) SOR 2024-25	As Per Separate sheet attached		
23	Providing and fixing retro Reflective Prismatic grade Board using 2mm Aluminum / 4mm ACP, angle iron 75 x 75 x 6mm. Descaling and degreasing the board as per requirement using epoxyprimer epoxy paint and carrying retro reflective process by screen painting as directed etc. complete including transporting and fixing in C.C. 1:2:4 with necessary excavation curing etc. complete as per I.R.C 67-2012 design. 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(NH/SH) retro reflective sheeting (SOR IT No- 26091A Pg No- 201) SOR 2024-25	As Per Separate sheet attached		
24	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 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; 3.6mtr 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 (SOR IT CODE-26092B)	As Per Separate sheet attached		

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Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
25	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. (SOR CODE-26092C) (A) Class-C Type-11 Retro Reflective sheeting	As Per Separate sheet attached		
26	Facility Informatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 80 x 60 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 reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr 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. (SOR NEW CODE-26093B)	As Per Separate sheet attached		
27	Facility Informatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 80 x 60 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; 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. (SOR NEW IT CODE-26093C) (A) Class-C Type-11 Retro Reflective sheeting	As Per Separate sheet attached		

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
28	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms. Dia Circle 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 reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr 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. (SOR NEW CODE-26094B)	It.No.53/ P.71 of Road specification booklet.		Item shall be as per described in schedule B and Class B type 4 Retro reflective sheeting and as per rules of Govt
29	Regulatory / Mandatory Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60 cms Dia Circle 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. (SOR NEW CODE-26094C) (A) Class-C Type-11 Retro Reflective sheeting	It.No.53/ P.71 of Road specification booklet.		Item shall be as per described in schedule B and Class C type 11 Retro reflective sheeting and as per rules of Govt
30	STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms. Octagonal 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 reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr 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 (SOR NEW CODE-26095B)	It.No.50/ P.70 of Road specification booklet.		Item shall be as per described in schedule B and Class B type 4 Retro reflective sheeting and as per rules of Govt

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Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
31	STOP Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 90 cms Octagone 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; 3.6mtr 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 (SOR NEW CODE-26095C)	It.No.50/ P.70 of Road specification booklet.		Item shall be as per described in schedule B and Class C type 11 Retro reflective sheeting and as per rules of Govt
32	Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. sequare plus 60 x 20cms rectangular additional plate as as per the 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; 3.6mtr 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. (SOR NEW IT CODE-	It.No.50/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
33	Parking Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size size 60 x 60cms. square plus 60 x 20cms rectangular additional plate as as per the 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; 3.6mtr 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. (SOR CODE-26096C) (A) Class-C Type-11 Retro Reflective sheeting	It.No.50/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
34	Give Way 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 High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr 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. (SOR NEW IT CODE-26097B)	It.No.50/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
35	Give Way 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. (SOR NEW IT CODE-26097 C) (A) Class-C Type-11 Retro Reflective sheeting	It.No.50/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
36	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 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 50x50x5mm; 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. (SOR NEW IT CODE-	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
37	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 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; 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 (SOR NEW IT CODE-26098C) (A) Class-C Type-11	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
38	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. (SOR NEW IT CODE-	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
39	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 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. (SOR NEW IT CODE-26099C) (A) Class-C Type-11 Retro Reflective sheeting	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
40	Place Identification Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 150x90 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 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. (SOR NEW IT CODE-26100B)	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
41	Place Identification Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 150x90 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; 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 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 (SOR NEW IT CODE-26100C)	It.No.52/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
42	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 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; 3.3mtr 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 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. (B) Class-B Type-4 Retro Reflective sheeting. (SOR NEW IT CODE-26101B)	It.No.49/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
43	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 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. (SOR NEW IT CODE-26101C) (A) Class-C Type-11 Retro Reflective sheeting	It.No.49/ P.70 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
44	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm 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. (SOR NEW IT CODE-26102B)	It.No.54/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
45	Hazard Marker Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm 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 Micro Prismatic Grade retro reflectivesheeting of Type-11 as per ASTM D-4956 and latest M.O.S.T.Specifications; 1.8mtr 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 (SOR NEW IT CODE-26102C)	It.No.54/ P.71 of Road specification bookle		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
46	Sign Board per square Meter :-Providing and fixing sing boards made out of 2mm aluminium sheet/4 mm ACP (Aluminium Compiste Panel) ; size 1 Meter x 1 Meter as as per the design of IRC 67-2012. Pretreated 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 Garde retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T. Specifications;4 mtr long post (2 Nos) of iron angle 75*75*6 mm/ 65 NB Circular MS pipe as required and frame fabricated from suitable size iron angle of 50*50*6mm,painted with best quality coatings in black and white bends.The details of symbol or instruction/numerals for each board shall be as per the instruction of enginner in charge.The fixing at site shall be in 1:2:4 CC block of size 45*45*60 cms for each legs including excavation curing etc complete under the supervision of enginner in charge.A warranty for 7 years for the aretro reflective sheeting from original Manufacture & a cerified copy of 3 years outdoor exposure test report from third party test lab for the product offerd shall be submitted by cntractor (B) Class B Type -4 Retro Reflective Sheeting (New SOR It.No-	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
47	Sign Board per square Meter :-Providing and fixing sing boards made out of 2mm aluminium sheet/4 mm ACP (Aluminium Compiste Panel) ; size 1 Meter x 1 Meter as as per the design of IRC 67-2012. Pretreated 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 Garde retro reflective sheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T. Specifications;4 mtr long post (2 Nos) of iron angle 75*75*6 mm/ 65 NB Circular MS pipe as required and frame fabricated from suitable size iron angle of 50*50*6mm,painted with best quality coatings in black and white bends.The details of symbol or instruction/numerals for each board shall be as per the instruction of enginner in charge.The fixing at site shall be in 1:2:4 CC block of size 45*45*60 cms for each legs including excavation curing etc complete under the supervision of enginner in charge.A warranty for 7 years for the aretro reflective sheeting from original Manufacture & a cerified copy of 3 years outdoor exposure test report from third party test lab for the product offerd shall be submitted by cntractor (A) Class C Type -11 Retro Reflective Sheeting (New SOR It.No-	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
48	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60cmx60cm 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 50x50x5mm; 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. (B) Class-B Type-4 Retro Reflective sheeting. (SOR NEW IT CODE-26105B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
49	Men at work (2' x 2') sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60cm x 60cm square 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; 3.3 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 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 (SOR NEW IT CODE-26105C)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
50	Tree Guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet / 3mm ACP (Aluminum composite Panel) ,size 30cms diameter circle, pretreated with phospheting process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. 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. (SOR NEW IT CODE-26107B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
51	Tree Guard sign :-Providing & fixing sign board made out of 2mm aluminium sheet / 3mm ACP (Aluminum composite Panel) , size 30cms diameter circle, pretreated with phospheting process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. 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 (SOR NEW IT CODE-26107C)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
52	Route Marker sign :-Providing and fixing sign boards made out of 2.00 mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60x45cm rectangular plus 30x25cm additional plate 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; 3.6 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. (B) Class-B Type-4 Retro Reflective (SOR NEW IT CODE-	It.No.48/ P.68 of Road specification booklet.		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
53	Route Marker sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4 mm ACP (Aluminum composite Panel); size 60x45 cm rectangular plus 30x25cm additional plate 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; 3.6 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 35x 35 x 3mm; 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 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. (SOR NEW IT CODE-26108C) (A) Class-C Type-11 Retro Reflective	It.No.48/ P.68 of Road specification booklet.		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
54	Danger Plate sign :-Providing & fixing sign board made out of 2.0 mm aluminium sheet /4mm ACP (aluminum Composite Panel), size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. 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 (SOR NEW IT CODE-26109B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
55	Danger Plate :-Providing & fixing sign board made out of 2.0 mm aluminium sheet /4mm ACP (aluminum Composite Panel), size 30cms diameter circle, pretreated with phosphating process and acid etching, painted with one coat of epoxy primer and two coats of best quality epoxy paint reflectorised with retro reflective sheeting as per latest M.O.S.T. specifications. 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 (SOR NEW IT CODE-26109C)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
56	Railway crossing 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 plus 90x30cm additional plate 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 reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 3.6mtr 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 (SOR NEW IT CODE-	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
57	Railway crossing 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 plus 90x30cm additional plate 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 (SOR NEW IT CODE-26110C)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
58	Four (Two) Lane Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120x120 cms. square plus 120x60cm additional plate 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 reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4 mtr long stand post (2 Nos.) 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 (SOR NEW IT CODE-	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
59	Four (Two) Lane Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 120x120 cms. square plus 120x60 cm additional plate 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 mtr long stand post (2 Nos.) 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 (SOR NEW IT CODE-	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
60	Diversion Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 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; 3.1 mtr long stand post (2 Nos.) of Iron Angle 50 x 50 x 5mm / 50NB 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 (SOR NEW IT CODE-26112B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
61	Diversion Ahead Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x60 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; 3.1 mtr long stand post (2 Nos.) of 50 x 50 x 5mm / 50NB 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 (SOR NEW IT CODE-26112C)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
62	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr 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; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms 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 (SOR NEW IT CODE-26113B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
63	Kerb guard sign board (small) :-Providing & Fixing sign boards made out of 2mm aluminium sheet, size 240 x 30 cms in U spape; as per the attached drawing pre treated with phospheting process & acid etching. coated with one coat of epoxy priemr 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; stand post and frame fabricated from iron angle of 50x50x5mm, 10mm sq. bar as required, painted with best quality epoxy coating the fixing at site shall be in 1:2:4 CC block of size 45 x 45x 60cms 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. (SOR NEW IT CODE-26113C) (A) Class-C Type-11 Retro Reflective sheeting	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

Specification Index

NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
64	Around the Island / Road Direction Sign (Small) :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60x60 cms. 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 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 (SOR NEW IT CODE-26116B)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
65	Around the Island / road Direction Sign board (Small) :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 60x60 cms. 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; 3.3 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 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. (SOR NEW IT CODE-26116C) (A) Class-C Type-11 Retro Reflective sheeting	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt
66	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 coefficinet on cemend road shalll 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.holes.(SOR IT No- 26161 Pg No-)	As Per Separate sheet attached		
67	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade) .(SOR IT No- 26163 Pg No-245)	As Per Separate sheet attached		

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
68	Flexible Median Marker :Providing and Fixing of Flexible Median Marker that are made of tough, high impact resistant, injection-molded, thermoplastic body with property of flexibility to provide high durability. The dimension of Flexible Median Marker should not exceed 18.4 cm in height(including shank height),12.5 Cm in width. ,0.65 cm in thickness and shank depth shall be 3.4 cm The body structure shall be rounded at all its corners and edges. The plastic used for molding the Flexible Median Marker should survive impact load of 5kg continuously for 750 times at room temperature. The logo of the manufacturer shall be embossed on either side of the body in the injection molding process. The Median Marker shall have flame like shaped body with, fluorescent yellow color retro-reflective sheeting of size not less than 90 Cm square, with fully reflective micro prismatic cube corners as its retro-reflective elements as per IRC 67 2012 and ASTM D4956-09 type XI specifications reflectivity values. The retro-reflective sheeting shall be one or both sides of the Flexible Median Marker and shall be edge protected with no exposed edges which will prevent edge lifting, vandalism, sheeting damage, etc. The Flexible Median Marker shall be fixed by a	As Per Separate sheet attached		
69	Aluminum Backed Flexible PRismatic Sheeting (AFP) : Providing and fixing Aluminum backed flexible prismatic sheeting , consisting of yellow/black colored flexible prismatic sheet with non-mettalic prismatic lens as retro reflective elements and confirming to ASTM D4946 Type VI specifications for reboundable retro reflective sheeting. TheFlexible prismatic sheet shall be 30 cm width and laminated at the back with 50micron aluminum (Al) Foilwith presure sensitive adhesive and liner,Further this flexible prismatic sheeting shall have with screen printed arrow/slant line pattern in yellow/black color in a continuous roll format. The AFP sheeting,with the liner removed,shall be applied with neoprene product adhesive with a polychlopreme as base,viscosity of 200 450 cps and solid content of 20-30 % .Once applied , the edge of the sheeting shall be sealed all around with two-part epoxy based structural adhesive and shall be extremely resistant to pill-off.A test form institues like ARAI/CRRI conffirming to above mentioned flexibility and ASTM 04956-09 Type VI retroreflectivity perfomance of the flexible prismatic sheeting used in AFP shall be submitted as directed by Engineer in Charge (SOR NEW IT NO-26165)	As Per Separate sheet attached		
70	Standard Delineator : Providing & Fixing Standard Metal Delineator constining of minimum retro reflective unit exposed area of 330 cm2 white color,full cube corner micro prismatic non-mettalic retro reflective sheeting on each side conforming with IRC 67-2012 and meeting the co efficient of retro refelction value as per ASTM D 4956 Type XI table specification.The delianetor shall be painted with power coat of minimum 40 microns thickness on top of which retro reflective sheeting shall be pasted on both sides.The sr=tructure shall be manufactured in roll forming process and shall have hirght not less than 800 mm above ground ,width not less than 100 mm and shall extend not more than 300 mm below the ground while being installed..height of sheeting less than 150mm whereas width of sheeting sholud not less than 75mm (sholud be placed every atletrate 15 CM).The front and back faces of the delineator should be curved angle of curve (laying between 200 and 300 to increse the visibility of the delianer for vehilces moving. in continuous curves .The delianetor shall have grovves for across the length to make the reflective sheets vandol proof.The delineator meant for appication on gaps in median,Traffic isalans,Dangerous bends,roundbouts,narrow bridge etc	As Per Separate sheet attached		

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NAME OF WORK : - M & R to various roads under Jurisdiction of R & b Sub Division Visnagar. (Road Furnishing Work) (Annual Rate) Year 2026-27

Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
71	Solar Stud : Supplying of Solar Raised Pavement Markers made of polycarbonate molded body with circular shape, solar powered, LED self illumination in active mode, 360 degree illumination and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face in passive mode. The marker shall support a load of 20000 Kg tested in accordance to ASTM D 4250. The Marker Should be resistant to dust and water ingress according to IP 65 standards and should withstand temperatures in the range of 0 C to 70 C. Color of lighting could be provided in red or yellow (amber) as per requirement and typical frequency of blinking is 1Hz. There should be current losses of less than 20 micro-amperes at 2.4 V in sleep-charging mode to enhance the life of the marker and a full charge should provide for a minimum autonomy of 50 hours. The height, width and length of the marker shall not be less than 10 mm x 100 mm x 100 mm. Also, the surface diameter of the marker shall not be less than 100 mm respectively. The weight of the marker shall not exceed 0.5 Killograms. 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	As Per Separate sheet attached		
72	Providing and laying of Plastirib - T or equivalent raised profile edge line marking (audible warning) with hot applied thermoplastic road marking compound according to IRC 35 - 2015, Clause 7.7, with 2mm thick base coat layer above that ribs profile size of length 40mm X width 140mm X Height 6 mm thick (Total 8 mm thick) at the distance of 500 mm between two ribs including reflectorizing glass beads @ 250 gm/ sq.mt area. The minimum and maximum width of raised profile should be 150 mm. The thickness of 8 mm profile should be exclusive of surface applied glass beads. The finished surface to be levelled, uniform and free from streaks and holes, to be applied on edge lines. The profile marking should be mark basic line and raise line at a time simultaneously.(SOR NEW IT NO-26169)	As Per Separate sheet attached		
73	Chevron sign :-Providing and fixing sign boards made out of 1.5mm aluminium sheet / 3mm ACP (Aluminum 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 (SOR NEW IT CODE-26170)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -B Type-4 retro reflective sheeting and as per rules of Govt
74	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 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 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 (SOR NEW IT CODE-26171)	As Per Separate sheet attached		Item shall be as per described in schedule B and Class -C Type-11 retro reflective sheeting and as per rules of Govt

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Item No.	Item of Work	Specification No. as per General Technical Specification book approved by R & B Dept. for Building,Road,Bridge and Asphaltic Work.	Page No.	Remarks
75	Flood Guage Sign :-Providing and fixing sign boards made out of 2.0 mm aluminium sheet / size 43x200 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; 2.6mtr long stand post of Iron Angle 75 x 75 x 6mm 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. (B) Class-B Type-4 Retro Reflective sheeting As per R.A 1	As Per Separate sheet attached		
76	Traffic Cone (Provision of red fluorescent with white reflective sleeve traffic cone made of low density polyethylene (LDPE) material with a square base of 390 x 390 x 35 mm and a height of 770 mm, 4 kg in weight, placed at 1.5 m interval, all as per BS 873) (MR)	As Per Separate sheet attached		
77	Drum Delineator in Construction Zone (Provision of metal drum/empty bitumen drum delineator, 300 mm in diameter, 800 mm high, filled with earth for stability, painted in circumferential strips of alternate black and white 100 mm wide fitted with reflectors 3 Nos of 7.5 cm dia, all as per IRC:SP:55-2001) (MR)	As Per Separate sheet attached		
78	Providing and fixing synthetic Rubble Blend spped breaker of premium brand and approved make and of size 350 mm x 500 mm x 50 mm thick as directed (MR)	As Per Separate sheet attached		
79	Providing & Fixing Traffic Bollard swiss type Jumbo made our of 18 gauge MS sheet in conical shape having bottom diameter 30 cms and top diameter 22cms, height 155 cms; coated with white epoxy powder coating and three red retro reflective high intensity prismatic bends of 15 cms width applied in the body and circular reflector on front, protecetd with Fiber ring coller; as per the drawing using High Intensity Prismatic grade ASTM Type IV material, Fixed at site in M15 PCC as per the instruction of engineer in charge. (MR)	As Per Separate sheet attached		
80	Type - B, "THRIE" : Metal Beam Crash Barrier (Providing and erecting a "Thrie" 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, all steel parts and fitments 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 space of channel section 150 x 75 x 5 mm, 546 mm long complete as per clause 811) (NH SOR Item 8.23B)	As Per Separate sheet attached		

Sign and Seal of Agency

Deputy Executive Engineer
R & B Sub Division
Visnagar