

AHMEDABAD MUNICIPAL CORPORATION - ENGINEERING DEPARTMENT

TRAFFIC PROJECT

ABSTRACT

Sr. No.	Qty.	Item Description	Rate Rs.	Per	Amount Rs.
1	0.00	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. The finished surface to be level, uniform and free from streaks and holes.zebra patta /bump patta lane/center line/ edge line/cut patta (R & B SOR 2015-16,page-57) (Item Code no - 26161)	296.40	Smt	0.00
2	0.00	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. The finished surface to be level, uniform and free from streaks and holes.) Directional Arrow, Lettering (R & B SOR 2012-13 NH Item No.8.13x 1.5 page-50)	574.50	Nos.	0.00
3	0.00	CAT EYE/Pavement Marker (MNC two nail) made out of acrylic Strene-Acrylonitrile or hi-impact poly Steren fitted with moulded of methacrylate(MNC)reflector cube corner reflector design,filled with tightly adhering pooting compound as per ASTM D-788 size 11.5x7x1.60 cms or 10x10x1.75 cms provided with bituminous adhesive in sufficient quantity with each unit fixing with two shrank .Reflector on both side.Co efficient of lumination as per specification and compressive strenth 13 tones at 23 degree centigrade etc.B) Double side lenses.	180.00	Nos.	0.00
4	0.00	Providing and fixing Swiss type bollard made out of 1.5mm CRC sheet ,height 140cms,bottom dia 23cm,top dia 12cm with direction plate of 30 cm dia fabricated necessary anchors as directed and also provide through out lenth pipe of 25 NB for the strenthing of bollard and reflectorised Micro Prismatic Grade Sheet (Type XI)and three yellow strip 6 Inches wide of Type XI Retro reflective Sheeting, fixing with P.C.C M25 grade concrete(Foundation size 30cm×30cm×35cm).(As per approved RA of Traffic Department)	4200.00	Nos.	0.00
5	0.00	RETRO –REFLECTORISEED TRAFFIC SIGN Mandatory Signage 60cm circular plus 60 cm x 20cm rectangular additional plate. Providing and fixing of reflectorised cautionary, mandatory and Informative sign as per IRC-67-2012 made of micro prismatic grade sheeting as per ASTM 4956-09 Type -XI fixed over 4 mm thick Aluminum Composite Material supported With frame fabricated from suitable size MS angle 40mm x 40mm x 5mm square box or circular as required on a mild steel angle iron post 65mm NB MS MW pipe or equivalent MS Pipe section firmly fixed to the ground. The total height of pole/Stand post is 3.3 mt and clear height is 2.1 from the footpath top or ground level by means of properly designed foundation with M25 grade cement concrete 45cmx45cmx60cm below footpath/ ground level as per approved drawing including excavation, curing etc. complete under the supervision of engineer In Charge. The pole shall be Painted with best Quality epoxy coating in Black and white Bends. The details of symbol for each board shall be as per the instruction of engineer in charge.(RA)	5695.00	Nos.	0.00

Sr. No.	Qty.	Item Description	Rate Rs.	Per	Amount Rs.
6	0.00	<p>RETRO –REFLECTORISEED TRAFFIC SIGN Cautionary signage 60cm equilateral triangle plus 60 cm x 20cm rectangular additional plate. Providing and fixing of reflectorised cautionary, mandatory and Informative sign as per IRC-67-2012 made of micro prismatic grade sheeting as per ASTM 4956-09 Type -XI fixed over 4 mm thick Aluminum Composite Material supported With frame fabricated from suitable size MS angle 40mm x 40mm x 5mm square box or equilateral triangle as required on a mild steel angle iron post 65mm NB MS MW pipe or equivalent MS Pipe section firmly fixed to the ground. The total height of pole/Stand post is 3.3 mt and clear height is 2.1 from the footpath top or ground level by means of properly designed foundation with M25 grade cement concrete 45cmx45cmx60cm below footpath/ ground level as per approved drawing including excavation, curing etc. complete under the supervision of engineer In Charge. The pole shall be Painted with best Quality epoxy coating in Black and white Bends. The details of symbol for each board shall be as per the instruction of engineer incharge. (As per approved RA of Traffic Department)</p>	4605.00	Nos.	0.00
7	0.00	<p>RETRO–REFLECTORISEED TRAFFIC SIGN Informatory signage 60cmx45cm rectangular plus 45 cm x 20cm rectangular additional plate. Providing and fixing of reflectorised cautionary, mandatory and Informative sign as per IRC-67-2012 made of micro prismatic grade sheeting as per ASTM 4956-09 Type -XI fixed over 4 mm thick Aluminum Composite Material supported With frame fabricated from suitable size MS angle 40mm x 40mm x 5mm rectangular box as required on a mild steel angle iron post 65mm NB MS MW pipe or equivalent MS Pipe section firmly fixed to the ground. The total height of pole/Stand post is 3.3 mt and clear height is 2.1 from the footpath top or ground level by means of properly designed foundation with M25 grade cement concrete 45cmx45cmx60cm below footpath/ ground level as per approved drawing including excavation, curing etc. complete under the supervision of engineer In Charge. The pole shall be Painted with best Quality epoxy coating in Black and white Bends. The details of symbol for each board shall be as per the instruction of engineer incharge. (As per approved RA of Traffic Department)</p>	5045.00	Nos.	0.00
8	0.00	<p>Directional board : Providing and fixing Directional sign boards made out of 4mm. Aluminum composite Panel (ACP) in cubical shape of dimensions 153 cm x 122 cm x 17cms (avg.) Framed on 25 x 25 x 5 Equal angle sections as per drawing including sufficient horizontal support and diagonal bracing to withstand static as well as dynamic (WIND LOAD) after mounting it on 100x100x3.6 mm. M.S. Square Hollow Section(CHS) with 6 mm. M.S. Plates and stiffeners in such a manner that they are not visible from out side. The composite panel face is covered with micro prismatic grade sheeting confirming to type XI as per ASTM-D 4956 -09 .It should bear minimum 10 Yrs. outdoor exposed performance supported by the Reflective - Sheeting manufacture is having legal jurisdiction in India. The letters (dual languages), symbols, borders shall be made of same material either by screen printing or by cut sheet lettering as recommended by the sheeting manufacture. The board sides (Top, Bottom, Sides and back side) are covered with round 4 MM Aluminium composite Panel(ACP) Blue Color sheet .The board sides are fabricated with 25x 6mm ms flat in round shape . The sign shall be installed at site on MB110 MS CHS. at 2.10 mt. clear bottom height from the pavement in M25 grade cement concrete block of 0.45 m x 0.45 m x 0.90 m dimensions as directed by the Engineer in charge. Total length of pole will be of 4.53 m height. Back side of directional board shall be made of Flex board maintaining with Ahmedabad Municipal Corporation letters and its logo according to instruction of Engineer -In charge. Nothing shall be paid for carting from factory to the fixing site within AMC limit. (As per approved RA of Traffic Department)</p>	24619.00	Nos.	0.00

Sr. No.	Qty.	Item Description	Rate Rs.	Per	Amount Rs.
9	0.00	Providing and fixing 3M or Avery Dennison brand Median Marker or equivalent made of tough impact resistant injection moulded thermoplastic body conforming to ASTM D256 Standards having fluorescent micro prismatic sheeting of 100 mm dia conforming to type-XI as per ASTM D4956 Standards on both side the Median Marker. The Slope of reflective surface shall be 15 degrees to base. The Median Markers shall be fixed to the concrete surface using the adhesive and screws as per procedure recommended by the manufacture and as per direction of Engineer in charge.	360.00	Nos.	0.00
10	0.00	Supplying and fixing Delinator Made out of 62.5 mm dia/25 mm dia circular hollow section closed from top end and height 18 cms fabricated as per drawing painted with epoxy coating colour black with protective grill reflectorised with retro reflective sheeting specified with MORTH & H latest specification(B) High Intensity Grade (R & B SOR 2012-13 NH Item No.28 page-140)	190.00	Nos.	0.00
11	0.00	Painting Two Coats on divider and footpath curb surface / New Concrete Surface (Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces) (R & B SOR 2012-13 Item No. 8.8 page-49)	58.00	Smt	0.00
12	0.00	C.R. Base Road Marking Painting lines, dashes, arrow, letters etc. on Road, Air fields and like in two coats with road road marking paint , brushing including cleaning the surface of all dirt, dust and other foreign matter.(R & B SOR 2015-16, Item code 19025A,page-217, Item code no 19025 A)			
	0.00	Over 10 cm in width	77.40	Smt	0.00
13	0.00	C.R. Base Road Marking Painting lines, dashes, arrow, letters etc. on Road, Air fields and like in two coats with road road marking paint , brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Up to 10 cm in width (R & B SOR 2015-16, Item code 19025A,page-217)	7.70	Rmt.	0.00
14	0.00	Tree Guard sign Providing and fixing sign boards Made out of 2 MM alluminium Sheet size 30 cms diameter circle. Pre treated 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 (B) High Intensity Grade sheet (R & B SOR 2015-16 Item Code No.26108A, page-41)	432.12	Nos.	0.00