

# **P O L** **S T A T E M E N T**

## **Name of Work :-**

**Construction Of C.C Road at Chabsar Approach Road Ch: 0+000 to  
1+000 km. Ta.Bavla, Dist: Ahmedabad. (PKG NO.  
AHD/KISHANPATH/04/2025-26)**

**OFFICE OF THE EXECUTIVE ENGINEER  
ROAD AND BUILDING(P) SUB DIVISION  
AHMEDABAD**

**Name of Work :**

Construction Of C.C Road at Chabsar Approach Road Ch: 0+000 to 1+000 km. Ta.Bavla, Dist: Ahmedabad. (PKG NO. AHD/KISHANPATH/04/2025-26)

**Statement showing cost of material labour componenet Price adjustment**

Sr. No.	Description	Amount	Amount in Lacs.
1	<b>Total Work Amount Put to Tender</b>	<b>₹ 5,857,909.16</b>	<b>58.58</b>
2	Total Cost of Cement (Schedule-A)	₹ 1,732,139.96	17.32
3	Total Cost of Steel (Schedule-A)	₹ 0.00	0.00
4	Total Cost of Bitumen (Schedule-A)	₹ 0.00	0.00
5	Cost of Fuel & Lubricant (POL) (As per Statement-B)	₹ 268,736.95	2.69
6	Cost of Material other than Cement, Steel & Asphalt (As per Statement-B)	₹ 1,986,057.29	19.86
7	Cost of Labour (As per Statement B)	₹ 750,469.09	7.50
8	Cost of Plant & Machinery Spares (As per Statement B)	₹ 1,120,528.17	11.21
1	Cost of Labour (As per Statement B)	<b>12.81%</b>	<b>Labour</b>
2	% of Cement Pc (Col-2/1)	<b>29.57%</b>	<b>Cement</b>
3	% of Steel Ps (Col-3/1)	<b>0.00%</b>	<b>Steel</b>
4	% of Bitumen Pb (Col-4/1)	<b>0.00%</b>	<b>Bitumen</b>
5	% of P.O.L. Pf (Col-4/1)	<b>4.59%</b>	<b>P.O.L</b>
6	% of Plant & Machinery Spares Pp (Col-7.2/1)	<b>19.13%</b>	<b>Plant &amp; Machinery Spares</b>
7	% of Other Materials Pm (Col-5/1)	<b>33.90%</b>	<b>Material</b>

Deputy Executive Engineer  
R&B (P) sub division  
Dholka

Divisional Accountant  
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**Statement - A**

**Details of cost of Bitumin, RS1, cement and steel.**

Sr. No.	Materials	Quantity	Rate	Unit	Amount
1	VG-30	0.00		M Ton	₹ 0.00
			<b>Total</b>	<b>=</b>	<b>₹ 0.00</b>
2	CEMENT	330.94	5234.00	M Ton	₹ 1,732,139.96
			<b>Total</b>	<b>=</b>	<b>₹ 1,732,139.96</b>
3	Steel - 500 D	0.000	59420.00	M Ton	₹ 0.00
			<b>Total</b>	<b>=</b>	<b>₹ 0.00</b>

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QUANTITY STATEMENT

Sr. no.	It. No.	Quantities estimated out or less	Item of Work	Tender rate	Unit	Total Amount according to estimated quantities	POL Statement														
				In Figure			Cement Component			Steel Component		Asphalt Component		Other Material		Labour Component		Plant and Machinery		POL	
							Rate of consumption in Kg.	Consumption	Amount	Consumption	Amount	Consumption	Amount	%	Amount	%	Amount	%	Amount	%	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
1	1	0.40	Clearing & Grubbing road land including uprooting rank vegation grass bushes shrabs saplings and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials.( C ) By Mechanical Means Light Jungle ( SOR I No :26117C, Pg No: 96)	28393.04	Hect.	11357.22									8.71	989.21	71.29	8096.56	20.00	2271.44	
2	2	381.00	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layer sat O.M.C. to required dry density including filling the depression which occuring the process using poweroller 8T to 10T. (E)From Borrow area within 3.0KM. lead (26004EA)	169.44	Cmt.	64556.64									8.71	5622.88	71.29	46022.43	20.00	12911.33	
3	3	488.00	Construction of Grannular sub base of in by providing GSB Gr - I coarse graded material using B.T Metal 26.5mm to 53 mm @ 35 % ,26.5mm to 4.75mm 45% & Below 2.36mm 20 % in uniform layer with motor grader on prepared surface mxing by mix in place method with vibratory roller to achive the desired density complete as per close 401.	1537.42	Cmt.	750260.96							67.00	502674.84	10.00	75026.10	15.00	112539.14	8.00	60020.88	
4	4	12.00	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.(i) 450 mm dia. (26089ba)	1176.49	Rmt.	14117.88	2.04	24.48	128.13				72.78	10275.34	9.12	1287.55	13.68	1931.33	3.51	495.54	
5	5	281.25	Providing and laying cement concrete 1:4:8 (1-Cement : 4- coarse sand : 8-hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A)Foundation and Plinth (05004a)	2680.21	Cmt.	753809.06	160.00	45000.00	235530.00				18.49	139414.63	17.88	134781.06	26.82	202171.59	5.56	41911.78	
6	6	750.00	Providing and casting in site Controlled cement concrete M-250 for average 200 mm thick as directed including compacting with surface mechanical screed vibrating, mechanical floater, chennaling form work and grooving including filling asphalt filer joint Excluding dowel bar, tie bar expansion, construction and contruction joint as per insruction engineer in charge.	5432.00	Cmt.	4074000.00	380.00	285000.00	1491690.00				29.80	1213853.40	11.97	487739.28	17.96	731608.92	3.66	149108.40	
7	7	1.00	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.) 26052.	704.33	No.	704.33	18.70	18.70	97.88				39.10	275.42	27.00	190.17	18.00	126.78	2.00	14.09	
8	8	4.00	Providing and fixing Pre Cast Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10 As Per S.O.R. I.Code. 26044 B Sr No. : 83	356.50	No.	1426.00	11.70	46.80	244.95				35.82	510.83	27.00	385.02	18.00	256.68	2.00	28.52	
9	9	75.00	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 As Per S.O.R. I.Code. 26045 A	108.69	No.	8151.75							53.00	4320.43	27.00	2200.97	18.00	1467.32	2.00	163.04	
10	10	204.00	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:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficient on cemend road shall be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. Warranty for the Retro reflectivity should be two years. (S.O.R. 26161)	367.72	Smt.	75014.88							80.00	60011.90	20.00	15002.98	0.00	0.00	0.00	0.00	

Sr. no.	It. No.	Quantities estimated out or less	Item of Work	Tender rate		Unit	Total Amount according to estimated quantities	POL Statement													
				In Figure	Rate of consumption in Kg.			Cement Component		Steel Component		Asphalt Component		Other Material		Labour Component		Plant and Machinery		POL	
								Consumption	Amount	Consumption	Amount	Consumption	Amount	%	Amount	%	Amount	%	Amount	%	Amount
1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21
11	11	64.00	Cat Eye / Road Stud / RPM: Supplying of Molded Twin Shanks Raised Pavement Markers made of polycarbonate and ABS moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 13635 kgs. tested in accordance to ASTM D 4280 Type H and complying to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97 DO III Dt 11.06. 1997. The height, width and length shall not exceed 20 mm, 130 mm and 130 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 +/- 5 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 +/- 2 mm and height not less than 30+/- 2 mm) from the body is to be a minimum value of 500 Kgf. 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 manufacturers recommendation and The color of the marker should be as per the IRC 35-2015 and as directed by Engineer-in-charge.(26162)	217.40	No.	13913.60								80.00	11130.88	20.00	2782.72	0.00	0.00	0.00	0.00
12	12	3.00	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 of35x35x3mm; 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 26171)	3711.75	No.	11135.25	35.24	105.72	553.34					48.03	5348.34	27.00	3006.52	18.00	2004.35	2.00	222.71
13	13	6.00	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-1977. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ;reflectorised with retro reflectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with bestquality epoxy coatings in black andwhite 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) Engineer Grade(VR). 26092A.	3342.17	No.	20053.02	35.24	211.44	1106.68					47.48	9521.42	27.00	5414.32	18.00	3609.54	2.00	401.06
14	14	2.00	Village name/ Bump Ahead sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 60cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated 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; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm 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 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)... 26101A.	4842.24	No.	9684.48	35.24	70.48	368.89					49.19	4763.88	27.00	2614.81	18.00	1743.21	2.00	193.69
15	15	6.00	Regulatory/Mandatory signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 60cms. diameter circle as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated 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; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; 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 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)... 26094a.	3113.10	No.	18678.60	35.24	211.44	1106.68					47.08	8792.98	27.00	5043.22	18.00	3362.15	2.00	373.57

Sr. no.	It. No.	Quantities estimated out or less	Item of Work	Tender rate		Total Amount according to estimated quantities	POL Statement														
				In Figure	Unit		Cement Component			Steel Component		Asphalt Component		Other Material		Labour Component		Plant and Machinery		POL	
							Rate of consumption in Kg.	Consumption	Amount	Consumption	Amount	Consumption	Amount	%	Amount	%	Amount	%	Amount	%	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
16	16	1.00	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 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) engineering grade. 26098A.	14831.71	No.	14831.71	70.48	70.48	368.89					50.51	7491.91	27.00	4004.56	18.00	2669.71	2.00	296.63
17	17	1.00	STOP SIGN:-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated 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; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm 75x75x6mm as required; 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 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR).. 26095a	4676.06	No.	4676.06	35.24	35.24	184.45					49.06	2293.87	27.00	1262.54	18.00	841.69	2.00	93.52
18	18	2.00	Hazard Marker Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 30cms. rectangle as as per the design/drawing attached (IRC) pretreated with phospheting process & acid etching; coated 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; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm & 50 x 50 x 5mm painted with best quality epoxy coatings The fixing at site shall be in 1:2:4 CC block of size 45x45x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)... 26102a	2423.74	No.	4847.48	35.24	70.48	368.89					45.39	2200.27	27.00	1308.82	18.00	872.55	2.00	96.95
19	19	1.00	"KISANPATH LOGO" Board : Providing and fixing of KISANPATH LOGO informatory sign board with Logo as per section 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Two Plates of ACM (Aluminum Composite Material), material specifications as per clause 17001.3. The top most plate will be of 3mm ACP in diamond shape of 600x600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The Lower plate will be of 4mm ACP of 1100x300mm size riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. Riveting of all the sheets over angle and flat iron frame will be done neatly to have plain surface on one side. The angle iron frame of Both the plates will be welded to a 75mm x75mmx6mm Mild steel post at Centre and this post will be embeded in cement concrete M15 grade block of 450x450x600mm below ground level. The height of the bottom of the lower plate will be 1200mm from normal ground level. The spacing between the diamond shaped plate and Lower Plate is kept 150mm. MMGSY logo, letters and numerals on the ACM should be made up of Retro Reflective sheeting of Type-1 AEGP Class-A grade as per the latest MORD section 1700 and IRC 67-2012 specifications. Al the section of the frame and posts shall be painted with primer and two coats of epoxy paint. The design, painting and lettering	6690.24	No.	6690.24	70.48	70.48	368.89					47.49	3176.93	27.00	1806.36	18.00	1204.24	2.00	133.80
						5857909.16		330935.74	1732117.66	0.000	0.00	0.0	0.00		1986057.29		750469.09		1120528.17		268736.95