ડી.ટી.પી. ની મંજુરી ની નોધ

સાદર રજુ :-

પંચાયત મા.મ. વિભાગ: આણંદ
પંચાયત મા.મ. પેટા વિભાગ : ખંભાત

૧	કામનું નામ	:-	**Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21**
	રોડ ના નામ	**1**	**Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand**
		2	**Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand**
		3	**Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand**
૨	રસ્તાની કક્ષા	:-	પ્લાન
૩	રસ્તાઓની કુલ લંબાઇ	:-	**2.2 km**
૪	મંજુર થયેલ રકમ	:-	**Rs.21433000**
૫	અંદાજીત રકમ	:-	**Rs.22241840**
૬	તાંત્રિક મંજુરી ની વિગત	:-	**Office of Superitending Engineer/ Executive Engineer, Letter No.**
૧	**Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand**	:-	**No. : APC / PB / 1503 /2026 Dt : 30/03/2026**
૨	**Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand**	:-	**No. : PB / WS / 365 /2026 Dt : 30/03/2026**
૩	**Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand**	:-	**No. : PB / WS / 367 /2026 Dt : 30/03/2026**
૭	તાંત્રિક મંજુરી ની રકમ		
૧	**Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat**	:-	**Rs. 14997380.00**
૨	**Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand**	:-	**Rs. 4194590.00**
૩	**Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand**	:-	**Rs. 3049870.00**
	કુલ	:-	**₹ 22,241,840.00**
૮	ડી.ટી.પી. ની રકમ	:-	**Rs. 18550865.26**

૯	શીડ્યુલ - બી ની ચકાસણી કરેલ છે?	:-	હા
૧૦	SBD ની ચકાસણી કરેલ છે?	:-	હા
૧૧	સમય મર્યાદા	:-	**09 (NIne) Months (Including Monsoon Period)**
૧૨	શીડ્યુલ ઓફ પ્રોગ્રામની વિગત	:-	હા
૧૩	સ્પેશીફીકેશનની ચકાસણી કરેલ છે ?	:-	હા
૧૪	ફ્રી મેન્ટેનન્સ / ગેરંટી ક્લોઝ નો સમાવેશ કરેલ છે ?	:-	હા
૧૫	શીડ્યુલ ઓફ મટીરીયલ ટેસ્ટીંગની વિગત	:-	હા
૧૬	નાણાંકીય જોગવાઇની વિગતો	:-	**MMGSY SCSP (2025-26)**
૧૭	ટેન્ડર ફોર્મ છેલ્લા સુધારા મુજબ છે ?	:-	હા
૧૮	ટેન્ડર ફી	:-	**3600.00 Rs**
૧૯	જી.આર.	:-	હા
૨૦	સ્પેશીફિકેશન	:-	હા
૨૧	સ્પેશિયલ કન્ડીશન ફોર અર્થ વર્ક	:-	હા
૨૨	શિડ્યુલ ફોર ટેસ્ટીંગ ઓફ મટેરિયલ	:-	હા
૨૩	સિમેન્ટ/સ્ટીલ કંન્ઝમ્પશન	:-	હા
૨૪	ડ્રોઇંગ	:-	હા
૨૫	મેન્ટેનન્સ ક્લોઝ	:-	હા

ઉપરોક્ત ડી.ટી.પી.માં કોઇ પૂર્તતા ન હોઇ રૂ!. **Rs. 18550865.26**

નું મંજુર કરી વિભાગીય કચેરીએ મોકલીએ.

સી.ક્લાર્ક હે.ક્લાર્ક મ.ઈ/અ.મ.ઈ ના.કા.ઈ.શ્રી અધિક્ષક ઈજનેરશ્રી

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

1. Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand
2. Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand
3. Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand

Bill of Quantities

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
1	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	1.02	Ha.	28455.10	29024.20
2	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation) (A) From Borrow pits within land width	1999.00	Cum	132.38	264627.62
3	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation)(D) From Borrow area within 2.0 Km. lead	1792.00	Cum	186.65	334476.80
4	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	2989.00	Cum	109.42	327056.38
5	Rolling and watering of earthwork in layers with power roller including filling indepressions which occur during the process.	1813.00	Cum	22.96	41626.48
6	Providing and laying 150mm thick Granular sub base in required layer by providing coarse graded materials Grading-II using B.T. M.C. Metal 53.00mm to 26.5mm @ 35%, aggregate 26.50 to 4.75mm @ 45% and Stone dust @ 20% as per Table 400-2 of MORT&H gradation including conveying the materials at site of work, mixing & spreading in to grade and camber, watering & consolidating at OMC with vibratory roller including the cost of material, labours etc. complete.	1571.00	Cum	1472.57	2313407.47
7	Providing and laying 100 mm thick Compacted WBM (Using loose volume, MCBT metal size 45 to 90 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.18 cmt, Stone dust 0.09 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness, hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	750.00	Cum	2048.28	1536210.00
8	Providing and laying 150 mm thick in 2- Layer (75+75 mm) Compacted WBM (Using loose volume, MCBT metal size 45 to 63 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.12 cmt, Stone dust 0.06 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness,hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	1084.00	Cum	1931.12	2093334.08
9	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. (i) 300 mm dia.	52.50	Rmt	1095.19	57497.48

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
10	Providing and laying Builtup spray grout base 37.50 mm thick in Single layer using asphalt grade VG 30 for tackcoat at the rate of 4.0 Kg./10 sqm. using B.T. stone aggregates as per MORT & H gradation and specification with the asphalt of VG-30 grade at the rate of 1.99%i.e.19.90 Kg./M.T. including heating and mixing asphalt and aggregate by continuous drum mix plant, transporting the mix, and spreading the same by paver finisher and consolidation by vibrator roller of 80 to 100 KN Static WT including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	522.00	MT.	2796.69	1459872.18
11	Providing and laying 37.50 mm. thick Bitumenous Macadam with using asphalt grade VG 30 for tackcoat at the rate of 2.50 Kg./10 sqm. using crushed stone aggregate as per MORT & H gradation and VG-30 grade Bitumen at the rate of 3.40% by weight of total mix (ie 34 kg. / MTon of mix) for binding including heating & mixing the asphalt and aggregates by contineous Drum mix plant and transporting the mix and spreading the same by paver finisher and consolidation with vibratory road roller of 80 to 100 KN Static WT including providing and laying uniformly tack coat and using contractor's own machinaries including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	574.00	MT.	3355.22	1925896.28
12	Providing and laying Mix Seal Surfacing 20.00 mm thick using stone chipping as per MORT & H specification and asphalt grade VG-30 for mixing @ 50.90 Kg/M.T. i.e. 5.09 % of total weight of mix including heating the asphalt and aggregate mixing by continuous Drum mix plant transporting mixed material and spreading the same by pavers finisher and consolidation by vibratory roller of 80 Kn to 100 Kn static weight and flushing sand or stone dust @ 0.03 cmt / 10 smt including cost of labour, oil, lubricant etc using contractor's own Machineries and plant firewood, oil, kerosene, labour charges etc. complete	320.00	MT.	4019.80	1286336.00
13	Providing and laying Cement concrete M-20 with curing including compacting with surface mechanical vibrator, Mechanical floater, channeling form work, Grooving & filling the joints with filler materials etc complete.	485.00	Cum	4812.65	2334135.25
14	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	11.00	Nos.	356.50	3921.50
15	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	80.00	Nos.	350.81	28064.80
16	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.)	4.00	Nos.	704.34	2817.36
17	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 refiectivesheeting 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)	10.00	Nos.	3379.00	33790.00

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
18	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 refiective 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)...	1.00	Nos.	5045.37	5045.37
19	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. 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 refiective 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 75x75x6mm as required; 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)...	4.00	Nos.	14831.71	59326.84
20	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beads as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white colour marking should provide liminance coefficinet on cement 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.	473.00	Sq.mt	367.73	173936.29
21	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beautile 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)	281.00	Nos.	375.72	105577.32
22	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 refiective 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)	8.00	Nos.	2423.74	19389.92

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
23	Citizen' s information Board- Providing and fixing of typical MMGSY information board as per instruction. Two ACP sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with MS angles of 25 x 25 x 5 mm thick M.S angle shall be welded by two vertical M.S angle of 5 mm thick to 75 mm x 75 mm of 12 SWG square tubes posts duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 75mm, below ground level. The letters & figure of any shade reflectorised with High Intensity Prismatic Grade Retro Reflective Sheeting of Type 4 as per ASTM D-4956 and latest MORD specifications; All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paints as per drawing Clause 1701 and Annexure 1700.1 (10.16). (A) Class-B High intensity Grade Retro Reflective sheeting	3.00	Nos.	11612.98	34838.94
24	MMGSY "LOGO" Board : Providing and fixing of MMGSY 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 shall be done as per the MMGSY Logo sign Design and as directed by Engineer in-charge. A warranty for 5 years for the Retro reflective sheeting for Type-1 Class-A from original manufacturer shall be submitted by contractor.	3.00	Nos.	5068.18	15204.54

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
25	MMGSY Project Information Board: Providing and fixing of typical PMGSY Project informatory sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Three Plates ACM (Aluminum Composite Material), material specificaitons as per clause 17001.3. The top most plate will be of 3mm ACM in diamond shape of 600x600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The middle 4mm ACM plate of will be 1200x150mm size riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The main 4mm ACM lower most plate will be 1500mmx600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size. 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 lower most plate and flat iron frame of the middle plate will be welded to two nos. 75mm x75mm (12 SWG) sheet tubes posts placed at 1125mm apart centre to centre. the top of the middle plate will be flushed with the top of 75mm dia medium steel tube posts and these posts 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 and the bottom of the middle plate will be 100mm above the top level of the lower most plate. the diamond shaped plate mounted over flat angle iron frame will be connected to middle plate by square steel section of 47mmx47mm, thickness 12SWG having a spacing of 100mm between the diamond shaped plate and middle plate and this square section will be riveted to the bottom point of the diamond shaped plate. 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 shall be done as per the MMGSY Signage Guide and as directed by Engineer-In-charge. . A warranty for 5 years for the Retro reflective sheeting for Class-A respectively, from original manufacturer shall be submitted by contractor.	3.00	Nos.	11112.02	33336.06
26	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 eteching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro refiective 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)...	4.00	Nos.	3268.76	13075.04
27	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road 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 spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811)	74.00	Rmt	3468.34	256657.16

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
28	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	4.00	Nos.	3856.90	15427.60
29	Excavation for foundation upto 1.5M. depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 meter lead.(B) Dense or Hard soil.	350.00	Cum	253.89	88861.50
30	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	194.00	Cum	2979.50	578023.00
31	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	54.00	Cum	3345.59	180661.86
32	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves. (A) Height from 0.0 M. to 5.0 M.	519.00	Cum	3921.83	2035429.77
33	Providing TMT Bar FE500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	1234.00	Kgs.	77.29	95375.86
34	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	85.00	Rmt	4710.56	400397.60
35	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.	228.00	Sq.mt	12.70	2895.60
36	Providing and laying weep hole in Aburtments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	148.00	Each	48.11	7120.28

Item No	Item of work	Quantities Estimated	Unit	Rate in Figures in Rs.	Amount
1	2	3	4	5	6
37	Providing and laying in position FE 550D TMT bar reinforcement with fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes, cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	2.08	MT	84021.90	174765.55
38	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.	148.00	Sq.mt	1239.36	183425.28
Rupees One Crore Eighty Five Lakh(s) Fifty Thousand Eight Hundred Sixty Five And Paise Twenty Six Only					**18550865.26**

I / We am / are willing to carryout the work at ……..% above/Below percent (…… Percent above/Below) (Should be written in figure and words) of the estimated rates mentioned above. Amount of my / our tender worked out as under.

Estimated amount put to tender Rs: ……
Deduct……% below Rs: ……
Net Rs: ……
In Words ……
(Please strike out which ever is not applicable.)

Estimated amount put to tender Rs: ……...
Add……% above Rs: ……
Net Rs: ……
In Words ……

Note :

1. The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
2. The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
3. GST and Income tax TDS will be deducted at a source while making payments of bills
4. In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

CERTIFICATE

Quantities rate and wordings of items are as per estimate and calculation in the Sch. - B are airthmatically checked. Above all items of "Schedule-B" with Item Description, Unit, Rate & Amount have verified by me and found order.

Tender clerk

Sr.Divisional Account Officer
Panchayat (R & B) Division
Anand

Dy.Executive Engineer
Panchyat (R & B) Sub Division
Khambhat

Signaturre of contractor
with seal

Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

INDEX OF SPECIFICATION

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
1	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	**Attached Separetely**	
2	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation) (A) From Borrow pits within land width	**Attached Separetely**	
3	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation)(D) From Borrow area within 2.0 Km. lead	**Attached Separetely**	
4	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank	**Attached Separetely**	
5	Rolling and watering of earthwork in layers with power roller including filling indepressions which occur during the process.	**Attached Separetely**	
6	Providing and laying 150mm thick Granular sub base in required layer by providing coarse graded materials Grading-II using B.T. M.C. Metal 53.00mm to 26.5mm @ 35%, aggregate 26.50 to 4.75mm @ 45% and Stone dust @ 20% as per Table 400-2 of MORT&H gradation including conveying the materials at site of work, mixing & spreading in to grade and camber, watering & consolidating at OMC with vibratory roller including the cost of material, labours etc. complete.	**Attached Separetely**	
7	Providing and laying 100 mm thick Compacted WBM (Using loose volume, MCBT metal size 45 to 90 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.18 cmt, Stone dust 0.09 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness, hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	**Attached Separetely**	
8	Providing and laying 150 mm thick in 2- Layer (75+75 mm) Compacted WBM (Using loose volume, MCBT metal size 45 to 63 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.12 cmt, Stone dust 0.06 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness,hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	**Attached Separetely**	
9	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. (i) 300 mm dia.	**Attached Separetely**	
10	Providing and laying Builtup spray grout base 37.50 mm thick in Single layer using asphalt grade VG 30 for tackcoat at the rate of 4.0 Kg./10 sqm. using B.T. stone aggregates as per MORT & H gradation and specification with the asphalt of VG-30 grade at the rate of 1.99%i.e.19.90 Kg./M.T. including heating and mixing asphalt and aggregate by continuous drum mix plant, transporting the mix, and spreading the same by paver finisher and consolidation by vibrator roller of 80 to 100 KN Static WT including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	**Attached Separetely**	

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
11	Providing and laying 37.50 mm. thick Bitumenous Macadam with using asphalt grade VG 30 for tackcoat at the rate of 2.50 Kg./10 sqm. using crushed stone aggregate as per MORT & H gradation and VG-30 grade Bitumen at the rate of 3.40% by weight of total mix (ie 34 kg. / MTon of mix) for binding including heating & mixing the asphalt and aggregates by contineous Drum mix plant and transporting the mix and spreading the same by paver finisher and consolidation with vibratory road roller of 80 to 100 KN Static WT including providing and laying uniformly tack coat and using contractor's own machinaries including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	**Attached Separetely**	
12	Providing and laying Mix Seal Surfacing 20.00 mm thick using stone chipping as per MORT & H specification and asphalt grade VG-30 for mixing @ 50.90 Kg/M.T. i.e. 5.09 % of total weight of mix including heating the asphalt and aggregate mixing by continuous Drum mix plant transporting mixed material and spreading the same by pavers finisher and consolidation by vibratory roller of 80 Kn to 100 Kn static weight and flushing sand or stone dust @ 0.03 cmt / 10 smt including cost of labour, oil, lubricant etc using contractor's own Machineries and plant firewood, oil, kerosene, labour charges etc. complete	**Attached Separetely**	
13	Providing and laying Cement concrete M-20 with curing including compacting with surface mechanical vibrator, Mechanical floater, channeling form work, Grooving & filling the joints with filler materials etc complete.	**Attached Separetely**	
14	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	**Attached Separetely**	
15	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	**Attached Separetely**	
16	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.)	**Attached Separetely**	
17	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 refiectivesheeting 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)	**Attached Separetely**	
18	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 refiective 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)...	**Attached Separetely**	

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
19	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. 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 refiective 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 75x75x6mm as required; 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)...	**Attached Separetely**	
20	Road marking with hot applied thermoplastic paints with reflectorising glass beads on bitumin surface providing and laying a hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250gms per sqm area, thickness of 2.5mm is excluding of surface applied glass beads as per IRC:35-2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white colour marking should provide liminance coefficinet on cement 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.	**Attached Separetely**	
21	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beautile 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)	**Attached Separetely**	
22	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 refiective sheeting as per latest	**Attached Separetely**	
23	Citizen' s information Board- Providing and fixing of typical MMGSY information board as per instruction. Two ACP sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with MS angles of 25 x 25 x 5 mm thick M.S angle shall be welded by two vertical M.S angle of 5 mm thick to 75 mm x 75 mm of 12 SWG square tubes posts duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 75mm, below ground level. The letters & figure of any shade reflectorised with High Intensity Prismatic Grade Retro Reflective Sheeting of Type 4 as per ASTM D-4956 and latest MORD specifications; All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paints as per drawing Clause 1701 and Annexure 1700.1 (10.16). (A) Class-B High intensity Grade Retro Reflective sheeting	**Attached Separetely**	

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
24	MMGSY "LOGO" Board : Providing and fixing of MMGSY 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 shall be done as per the MMGSY Logo sign Design and as directed by Engineer in-charge. A warranty for 5 years for the Retro reflective sheeting for Type-1 Class-A from original manufacturer shall be submitted by contractor.	**Attached Separetely**	
25	MMGSY Project Information Board: Providing and fixing of typical PMGSY Project informatory sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Three Plates ACM (Aluminum Composite Material), material specificaitons as per clause 17001.3. The top most plate will be of 3mm ACM in diamond shape of 600x600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The middle 4mm ACM plate of will be 1200x150mm size riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The main 4mm ACM lower most plate will be 1500mmx600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size. 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 lower most plate and flat iron frame of the middle plate will be welded to two nos. 75mm x75mm (12 SWG) sheet tubes posts placed at 1125mm apart centre to centre. the top of the middle plate will be flushed with the top of 75mm dia medium steel tube posts and these posts 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 and the bottom of the middle plate will be 100mm above the top level of the lower most plate. the diamond shaped plate mounted over flat angle iron frame will be connected to middle plate by square steel section of 47mmx47mm, thickness 12SWG having a spacing of 100mm between the diamond shaped plate and middle plate and this square section will be riveted to the bottom point of the diamond shaped plate. 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 shall be done as per the MMGSY Signage Guide and as directed by Engineer-In-charge. . A warranty for 5 years for the Retro reflective sheeting for Class-A respectively, from original manufacturer shall be submitted by contractor.	**Attached Separetely**	

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
26	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 eteching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro refiective 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)...	**Attached Separetely**	
27	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road 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 spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811)	**Attached Separetely**	
28	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)	**Attached Separetely**	
29	Excavation for foundation upto 1.5M. depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 meter lead.(B) Dense or Hard soil.	**Attached Separetely**	
30	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	**Attached Separetely**	
31	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	**Attached Separetely**	
32	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves. (A) Height from 0.0 M. to 5.0 M.	**Attached Separetely**	
33	Providing TMT Bar FE500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	**Attached Separetely**	
34	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	**Attached Separetely**	
35	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.	**Attached Separetely**	
36	Providing and laying weep hole in Aburtments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	**Attached Separetely**	

Tender Item No	Discription of item as per schedule "B" of the tender.	Applicable Separate Road Specification booklet attached reference	
		Item No.	Pg No.
1	2	3	4
37	Providing and laying in position FE 550D TMT bar reinforcement with fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes, cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	**Attached Separetely**	
38	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.	**Attached Separetely**	

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

SCHEDULE FOR TESTING OF MATERIALS

For ensuring quality control and workmanship, various tests prescribed below for materials shall be taken at periodical intervals as stipulated below.

The material should be tested in GERI or Private laboratory approved by Govt. of Gujarat. Bill for testing charges should be paid Govt.

Item No. as per Schedule 'B'	Brief Description of materials to be tested.	Qty. of Materials	Unit	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
1	2	3	4	5	6	7
1	45 to 90 MC.Metal		***Cum***	*Gradation test	1 to 100 - cum. 1 test	***0***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
2	40 to 63 M.C.Metal	***1311.64***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***5***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
3	25 to 40 M.C.Metal	***907.50***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***5***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
4	Kapchi 20 mm Nominal	***2476.55***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***7***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
5	Grit (6 mm)	***56.83***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***1***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	

Item No. as per Schedule 'B'	Brief Description of materials to be tested.	Qty. of Materials	Unit	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
1	2	3	4	5	6	7
6	Grit as Key aggregate (12 mm)	***87.13***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***1***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
7	Water		Suspended Solids (IS 3025 Part 17)		Sample taken at each source tested at an approved test house	***1***
			Sulphets (IS 3025 Part 24)			
			Chlorides (IS 3025 Part 32)			
8	Supplying of Quarryspall	***0.00***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***0***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
9	Supplying of Sand/	***258.00***	***Cum***	*Silt Content,F.M	One test per 250 Cum	***2***
10	Stonedust	***785.37***	***Cum***	*Gradation test	1 to 100 - cum. 1 test	***5***
				*Impact Value	100 to 500 - cum. 3 test	
				*Flakiness Index of	500 to 1500 - cum. 5 test	
					1500 to 5000 - cum. 7 test	
11	Sel;ected Soil for Embankment	***1999.00***	***Cum***	P.I ,CBR,MDB		
12	Rubble	***0.00***	***Cum***	*Density & Los Angeles abrasion	As per IRC:SP:116-2018	
13	Asphalt **(VG-30)**	***50.71***	***M.T.***	Viscosity Test	Tanker test in Geri Lab. Only	***as per norms***
				as per I.S. 1206	Up to 10 1	
					11 to 20 2	
					20 to 50 3	
					Above 50 one per Tanker	
				Ductility Test	As per I.S. 1208	
				Specification Gravity test	As per I.S. 1202	
				Softening point test	As per I.S. 1204	
				Quality of binder test	3 test per 2 tankers on plant site.	

Item No. as per Schedule 'B'	Brief Description of materials to be tested.	Qty. of Materials	Unit	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
1	2	3	4	5	6	7
14	Tack Coat			*Binder Temperature for applicat	Irregular close in intervals	
				*Rate of spread of Binder.	2 test per Day.	
15	Carpet & Seal Coat. Mix			Grading	One Test on Individual	
				Temperature of binder in Boilor aggregates in the dryer and mix at the time of laying and rolling. (Binder content vide 45/MD. 2172)	Constituents and mixed aggregates from the dryer for each 100 tonnes of mix subject to minimum of Two tests per plant per day.	
					One Test for each 100 tones of mix subjects to minimum of two per Day.	
				Rate of Spreaded mix materials.	Regular control through checks on layer thickness.	
16	Cement (OPC)	***385.074***	***M.T.***	*Consistency,Soundness	1 test @ 50.0 M.T. 100 T 2 tests,	***4***
				*Setting time,Finessness Test	200 T 3 tests, 300 T 4 tests, 500 T 5 tests,	
				*Compressive Strength.	800 T 6 tests, 1300 T 7 tests & 8 testd for large consingment.	
17	Steel (TMT)	***3.31***	***M.T.***	*Tensile, (TMT)	As per Manual of Quality Control	***1 test per each categorey***
				Yield	1 test/40 tonnes / per category	
				*Elongation		
				Size		
18	C.C.Cube Test 1:2:4			*Compressive Strength.	1 to 5 cmt - 1 No	
	M200	***485.00***			6 to 15 cmt - 2 No	***13***
	M100	***248.00***			16 to 20 cmt - 3 No	***8***
	M 1:2:4				20 to 50 cmt - 4 No	
	M150	***519.00***			51 to above - 4 +1 additional sample for each 50 cu.mt. Or part there of.	***14***

Item No. as per Schedule 'B'	Brief Description of materials to be tested.	Qty. of Materials	Unit	Prescription of test which shall be carried out	Frequency @ which test shall be carried out	Total Nos of test to be taken
1	2	3	4	5	6	7
19	Retro Reflective Sheeting for the signag	***14.00***	***Nos.***	as per Test schedule attached GR SOR/1018/715/Part file/C-1 Dtd.4/6/19		***0***
20	Road studs / Cat Eyes	***281.00***	***Nos.***	as per Test schedule attached GR SOR/1018/715/Part file/C-1 Dtd.4/6/19		***0***
21	Hot Applied Thermoplast Road Marking	***473.00***	***Sqmt***	as per Test schedule attached GR SOR/1018/715/Part file/C-1 Dtd.4/6/19		***0***

Note (1):- In case of excess in quantity. Further more test shall be carried out as per required frequency.

Note (2):- Apart from above listed materials for carrying out various tests during Road / Structure Construction Works , if any other than above mentioned material/s are to be used during road / structure construction work then it must be tested as per prevailing criteria of Govt. of Gujarat (R & B Deptt.) and necessary tests should be carried out as per prevailing norms.

Signature of Contractor.

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 1			Item No : 2			Item No : 3		
		Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable			Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation) (A) From Borrow pits within land width			Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation)(D) From Borrow area within 2.0 Km. lead		
	Unit	Ha.			Cum			Cum		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	0.90	28455.10	25609.59	1785.00	132.38	236298.30	1530.00	186.65	285574.50
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	0.06	28455.10	1707.31	100.00	132.38	13238.00	67.00	186.65	12505.55
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	0.06	28455.10	1707.31	114.00	132.38	15091.32	195.00	186.65	36396.75
	Total	1.02	28455.10	29024.20	1999.00	132.38	264627.62	1792.00	186.65	334476.80
	Total Quantity			0.00			0.00			0.00
	Average Rate	1.02	28455.10	29024.20	1999.00	132.38	264627.62	1792.00	186.65	334476.80

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 4			Item No : 5			Item No : 6		
		Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank			Rolling and watering of earthwork in layers with power roller including filling indepressions which occur during the process.			Providing and laying 150mm thick Granular sub base in required layer by providing coarse graded materials Grading-II using B.T. M.C. Metal 53.00mm to 26.5mm @ 35% aggregate		
	Unit	Cum			Cum			Cum		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	2182.00	109.41	238732.62	1785.00	22.96	40983.60	1165.00	1472.58	1715555.70
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	55.00	109.41	6017.55	28.00	22.96	642.88	137.00	1516.01	207693.37
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	752.00	109.42	82283.84			0.00	269.00	1450.36	390146.84
	Total	2989.00	109.42	327034.01	1813.00	22.96	41626.48	1571.00	1472.57	2313395.91
	Total Quantity			22.37			0.00			11.56
	Average Rate	2989.00	109.42	327056.38	1813.00	22.96	41626.48	1571.00	1472.57	2313407.47

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
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Sr No	Name Of Work / Road	Item No : 7			Item No : 8			Item No : 9		
		Providing and laying 100 mm thick Compacted WBM (Using loose volume, MCBT metal size 45 to 90 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.18 cmt, Stone dust 0.09 Cmt per Total 1 Cmt of			Providing and laying 150 mm thick in 2-Layer (75+75 mm) Compacted WBM (Using loose volume, MCBT metal size 45 to 63 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.12 cmt, Stone dust 0.06 Cmt			Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971		
	Unit	**Cum**			**Cum**			**Rmt**		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	750.00	2048.28	1536210.00	1084.00	1931.12	2093334.08	30.00	1095.19	32855.70
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand			0.00			0.00	15.00	1095.19	16427.85
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00	7.50	1095.19	8213.93
	Total	750.00	2048.28	1536210.00	1084.00	1931.12	2093334.08	52.50	1095.19	57497.48
	Total Quantity			0.00			0.00			0.00
	Average Rate	750.00	2048.28	1536210.00	1084.00	1931.12	2093334.08	52.50	1095.19	57497.48

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
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QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 10			Item No : 11			Item No : 12		
		Providing and laying Builtup spray grout base 37.50 mm thick in Single layer using asphalt grade VG 30 for tackcoat at the rate of 4.0 Kg./10 sqm. using B.T. stone aggregates as per MORT & H gradation			Providing and laying 37.50 mm. thick Bitumenous Macadam with using asphalt grade VG 30 for tackcoat at the rate of 2.50 Kg./10 sqm. using crushed stone aggregate as per MORT & H gradation			Providing and laying Mix Seal Surfacing 20.00 mm thick using stone chipping as per MORT & H specification and asphalt grade VG-30 for mixing @ 50.90 Kg/M.T. i.e. 5.09 % of total weight of mix including		
	Unit	MT.			MT.			MT.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	522.00	2796.69	1459872.18	574.00	3355.22	1925896.28	320.00	4019.80	1286336.00
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	Total	522.00	2796.69	1459872.18	574.00	3355.22	1925896.28	320.00	4019.80	1286336.00
	Total Quantity			0.00			0.00			0.00
	Average Rate	522.00	2796.69	1459872.18	574.00	3355.22	1925896.28	320.00	4019.80	1286336.00

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 13			Item No : 14			Item No : 15		
		Providing and laying Cement concrete M-20 with curing including compacting with surface mechanical vibrator, Mechanical floater, channeling form work, Grooving & filling the joints with filler materials etc.			Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10			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		
	Unit	Cum			Nos.			Nos.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand			0.00	8.00	356.50	2852.00	60.00	350.81	21048.60
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	162.00	4812.65	779649.30	1.00	356.50	356.50	20.00	350.81	7016.20
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	323.00	4812.65	1554485.95	2.00	356.50	713.00			0.00
	Total	485.00	4812.65	2334135.25	11.00	356.50	3921.50	80.00	350.81	28064.80
	Total Quantity			0.00			0.00			0.00
	Average Rate	485.00	4812.65	2334135.25	11.00	356.50	3921.50	80.00	350.81	28064.80

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
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QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 16			Item No : 17			Item No : 18		
		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.			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 phosphating			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		
	Unit	Nos.			Nos.			Nos.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	2.00	704.34	1408.68	6.00	3379.00	20274.00			0.00
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	1.00	704.34	704.34	4.00	3379.00	13516.00	1.00	5045.37	5045.37
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	1.00	704.34	704.34			0.00			0.00
	Total	4.00	704.34	2817.36	10.00	3379.00	33790.00	1.00	5045.37	5045.37
	Total Quantity			0.00			0.00			0.00
	Average Rate	4.00	704.34	2817.36	10.00	3379.00	33790.00	1.00	5045.37	5045.37

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Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 19			Item No : 20			Item No : 21		
		Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting			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			Supplying and fixing cat eye (Stimsonite) made out from Acrilo beautile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with		
	Unit	Nos.			Sq.mt			Nos.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	2.00	14831.71	29663.42	378.00	367.73	139001.94	210.00	375.72	78901.20
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	1.00	14831.71	14831.71	27.00	367.73	9928.71	21.00	375.72	7890.12
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	1.00	14831.71	14831.71	68.00	367.73	25005.64	50.00	375.72	18786.00
	Total	4.00	14831.71	59326.84	473.00	367.73	173936.29	281.00	375.72	105577.32
	Total Quantity			0.00			0.00			0.00
	Average Rate	4.00	14831.71	59326.84	473.00	367.73	173936.29	281.00	375.72	105577.32

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 22			Item No : 23			Item No : 24		
		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 &			Citizen' s information Board- Providing and fixing of typical MMGSY information board as per instruction. Two ACP sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with			MMGSY "LOGO" Board : Providing and fixing of MMGSY LOGO informatory sign board with Logo as per section 1700 of MORD specifications and drawing. The board will be a composite unit consisting		
	Unit	Nos.			Nos.			Nos.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	6.00	2423.74	14542.44	1.00	11612.98	11612.98	1.00	5068.18	5068.18
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	2.00	2423.74	4847.48	1.00	11612.98	11612.98	1.00	5068.18	5068.18
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00	1.00	11612.98	11612.98	1.00	5068.18	5068.18
	Total	8.00	2423.74	19389.92	3.00	11612.98	34838.94	3.00	5068.18	15204.54
	Total Quantity			0.00			0.00			0.00
	Average Rate	8.00	2423.74	19389.92	3.00	11612.98	34838.94	3.00	5068.18	15204.54

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
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QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 25			Item No : 26			Item No : 27		
		MMGSY Project Information Board: Providing and fixing of typical PMGSY Project informatory sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite			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 &			Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC		
	Unit	Nos.			Nos.			Rmt		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	1.00	11112.02	11112.02	4.00	3268.76	13075.04			0.00
	1- Row 900mm			0.00			0.00			0.00
	2- Row 900mm			0.00			0.00			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	1.00	11112.02	11112.02			0.00			0.00
	1- Row 900mm			0.00			0.00			0.00
	Protection Wall			0.00			0.00	74.00	3468.34	256657.16
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	1.00	11112.02	11112.02			0.00			0.00
	Total	3.00	11112.02	33336.06	4.00	3268.76	13075.04	74.00	3468.34	256657.16
	Total Quantity			0.00			0.00			0.00
	Average Rate	3.00	11112.02	33336.06	4.00	3268.76	13075.04	74.00	3468.34	256657.16

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 28			Item No : 29			Item No : 30		
		Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching;			Excavation for foundation upto 1.5M. depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 meter lead.(B) Dense or Hard soil			Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete		
	Unit	Nos.			Cum			Cum		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	2.00	3856.90	7713.80			0.00			0.00
	1- Row 900mm			0.00	36.00	253.89	9140.04			0.00
	2- Row 900mm			0.00	89.00	253.89	22596.21			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	2.00	3856.90	7713.80			0.00	66.00	2979.50	196647.00
	1- Row 900mm			0.00	37.00	253.89	9393.93			0.00
	Protection Wall			0.00	188.00	253.89	47731.32			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00	128.00	2979.50	381376.00
	Total	4.00	3856.90	15427.60	350.00	253.89	88861.50	194.00	2979.50	578023.00
	Total Quantity			0.00			0.00			0.00
	Average Rate	4.00	3856.90	15427.60	350.00	253.89	88861.50	194.00	2979.50	578023.00

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
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Sr No	Name Of Work / Road	Item No : 31			Item No : 32			Item No : 33		
		Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete			Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-			Providing TMT Bar FE500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level		
	Unit	Cum			Cum			Kgs.		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand			0.00			0.00			0.00
	1- Row 900mm	7.00	3345.59	23419.13	52.00	3921.83	203935.16	277.00	77.29	21409.33
	2- Row 900mm	15.00	3345.59	50183.85	134.00	3921.83	525525.22	680.00	77.29	52557.20
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	1- Row 900mm	7.00	3345.59	23419.13	55.00	3921.83	215700.65	277.00	77.29	21409.33
	Protection Wall	25.00	3345.59	83639.75	278.00	3921.83	1090268.74			0.00
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	Total	54.00	3345.59	180661.86	519.00	3921.83	2035429.77	1234.00	77.29	95375.86
	Total Quantity			0.00			0.00			0.00
	Average Rate	54.00	3345.59	180661.86	519.00	3921.83	2035429.77	1234.00	77.29	95375.86

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 34			Item No : 35			Item No : 36		
		Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971			White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter			Providing and laying weep hole in Aburtments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification		
	Unit	Rmt			Sq.mt			Each		
		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	37.50	4710.56	176646.00			0.00			0.00
	1- Row 900mm	7.50	4710.56	35329.20	53.00	12.70	673.10			0.00
	2- Row 900mm	30.00	4710.56	141316.80	122.00	12.70	1549.40			0.00
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	1- Row 900mm	10.00	4710.56	47105.60	53.00	12.70	673.10			0.00
	Protection Wall			0.00			0.00	148.00	48.11	7120.28
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00			0.00
	Total	85.00	4710.56	400397.60	228.00	12.70	2895.60	148.00	48.11	7120.28
	Total Quantity			0.00			0.00			0.00
	Average Rate	85.00	4710.56	400397.60	228.00	12.70	2895.60	148.00	48.11	7120.28

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	Item No : 37			Item No : 38				
		Providing and laying in position FE 550D TMT bar reinforcement with fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-			Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.			Total Amount	Total amount
	Unit	MT			Sq.mt				
		Qty	Rate	Amount	Qty	Rate	Amount		1
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand			0.00			0.00	11410178.85	12497813.49
	1- Row 900mm			0.00			0.00	293905.96	
	2- Row 900mm			0.00			0.00	793728.68	
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand			0.00			0.00	1334172.22	3495482.04
	1- Row 900mm			0.00			0.00	317701.74	
	Protection Wall	2.08	84021.90	174765.55	148.00	1239.36	183425.28	1843608.08	
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand			0.00			0.00	2557535.80	2557535.80
	Total	2.08	84021.90	174765.55	148.00	1239.36	183425.28	18550831.33	18550831.33
	Total Quantity			0.00			0.00	33.93	33.93
	Average Rate	2.08	84021.90	174765.55	148.00	1239.36	183425.28	18550865.26	18550865.26

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road							
		18% GST	Quality Control	Contingency	Amount of Credit of Dismentalling Materials & Materials Reused From Diversion	Not Put to Tender (2+3+4+5)	Technical Sanction	Round off
	Unit							
		2	3	4	5	6	7	8
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	2249606.88	124978.16	124978.16		2499563.20	14997376.69	3.31
	1- Row 900mm							
	2- Row 900mm							
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	629187.30	34954.85	34954.85		699097.00	4194579.04	10.96
	1- Row 900mm							
	Protection Wall							
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	460356.48	25575.36	6393.84		492325.68	3049861.48	8.52
	Total	3339150.66	185508.37	166326.85	0.00	3690985.88	22241817.21	22.79
	Total Quantity							-33.93
	Average Rate	3339150.66	185508.37	166326.85	0.00	3690985.88	22241817.21	-11.14

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21
Taluka :Khambhat District : Anand
QUANTITY SUMMARY STATEMENT

Sr No	Name Of Work / Road	
		Total Technical Sanction (7+8)
	Unit	
		9
1	Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand	14997380
	1- Row 900mm	
	2- Row 900mm	
2	Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand	4194590
	1- Row 900mm	
	Protection Wall	
3	Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand	3049870
	Total	22241840.00
	Total Quantity	0.00
	Average Rate	22241840.00

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R & B) Division
Anand

PAPERS
NOT ISSUED
TO
CONTRACTOR

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

GENERAL INFORMATION

1	Amount of administrative approval with authority	❋	MMGSY SCSP (2025-26)
2	Cost of work put to tender	❋	Rs. 18550865.26
3	Amount of Technical Sanctioned with authority	❋	Ts. For Rs 14997380.00 By S.E.Panchyat, R & B Ahmedabad Circle, as per Item No 401 Pg No 47 In 27/03/26 Ts. For Rs. 4194590.00 By E.E.Panchyat, Panchayat (R&B) Division, Anand, as per Item No 363 Pg No 50 in 30/03/2026 Ts. For Rs. 3049870.00 By E.E.Panchyat, Panchayat (R&B) Division, Anand, as per Item No 365 Pg No 50 in 30/03/2026
4	Time limit provided for completion of work (Basis for working out time limit to be given)	❋	09 (NIne) Months (Including Monsoon Period)
5	Details of materials provided in Schedule " A " (Calculation should be attached) …….	❋	NIL
6	Date of issue / Receipt of tender …….	❋	
7	Budget provision ……	❋	
8	Whether work put to tender is for whole work or as sanctioned or, part of it …….	❋	Whole Work
9	If work is splitting up, Details of splitting with authority approving the split ……	❋	Not splitted
10	In case it is to be part of remaining work, reason as to why it is not included ……	❋	NIL
11	The amount and details of items not included in tender with reason there of and how you prepare in executed the work with complete	❋	No Such items
12	In case the work is abandoned by previous agency, action taken against defaulting agency ……	❋	No
13	If, there is any variation from the sanctioned estimate, State	❋	No

14	Certificate of Division A.E. / A.A.E. / D.E.E. for drafting of specification and proper preparation of DTP. Schedule "A" including arithmetical check. ……..	❋	Attached
15	Weather correction slip in printed form are pasted. …..	❋	…….
16	Validity period ……..	❋	120 (One hundred twenty) days
17	Whether L.A. proceeding has been completed.	❋	N/A

Deputy Executive Engineer
Panchayat (R & B) Sub Division
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Executive Engineer
Panchayat (R&B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

- : P R O F O R M A :-

(To be accompained with submission of D.T.P.)

(1) TENDER FORM

1.	Whether the all clauses are enclose as per Government replaced by the latest ?	:-	Yes
2.	If so, state the number-wise details instructions	:-	Yes
3.	Whether time limit is entered, it is proportion with the amount and nature of work	:-	Yes
4.	Whether the correct name of work as per sanctioned estimate is entered ?	:-	Yes
5.	Whether the other details viz. mention deposit etc. are written in the tender form ?	:-	Yes

(2) SCHEDULE - A

1.	Whether Schedule gives details of the materials to be supplied by the Department ?	:-	Yes // No
2.	Does it mention the correct place of delivery of materials to be supplied under Schedule-A	:-	Yes // No
3.	Whether the rates of materials are mentioned in figures ?	:-	Yes // No
4.	Whether the rates of entered in Schedule-A is correctly derived ?	:-	Yes // No
5.	Whether quantity of materials is correctly arrived as per forms ?	:-	Yes // No

(3) SCHEDULE - B

1.	Whether the description of each item literally tally with the sanctioned estimate except specifying of lead, lift etc.	:-	Yes
2.	Whether quantity of each item is as per sanctioned estimate, if not state the reasons with due justification for deviation D.T.Ps.	:-	Yes
3.	Whether the rate for each item is as per sanctioned estimate ? if not, state the reasons with the justification for deviation in covering letter of the D.T.P. and incorporate the rate analysis in the D.T.P. ?	:-	Yes
4.	Whether the rates of each item in Schedule-B is mentioned in words in case of Item Rate Tender ?	:-	Yes
5.	Whether the unit of each item is as per sanctioned estimate ? If not, state the reasons with the justification for deviation in covering letter of the	:-	Yes
6.	Whether the standard method is adopted in each items in writing the observed as Cum. and not C.M. etc. complete.	:-	Yes
7.	Whether the Government remarks, if any, observed at the time of according sanction are fully incorporated in the D.T.P. ? If so, submit the compliance report.	:-	Yes
8.	Whether correct name of work is entered at the top of Schedule-B ?	:-	Yes
9.	Whether the standard form for Schedule-B is adopted ?	:-	Yes
10.	Whether the standards words for discount or premium on tendered rate as I / We, am / are is mentioned at the end ?	:-	Yes
11.	Whether the amount worked out for each item is correctly calculated and summed up ?	:-	Yes
12.	Whether alternative items are proposed in the D.T.Ps. ? If so, state the Item No. for proposed with reasons.	:-	No

(4) DETAILED SPECIFICATIONS

1.	Whether the detailed specification correctly reflect the tender items ?	:-	Yes
2.	Whether the item with specification lead and lift are covered in to with all lead and lifts ?	:-	Yes
3.	Whether the correct mode of payments is as mentioned ?	:-	Yes
4.	Whether the correct mode of payment is as per Schedule-B.	:-	Yes
5.	Whether suitable use of excavated materials of cutting stuff is incorporated in the D.T.P. ?	:-	Yes
6.	Whether the mention, regarding the route to be carried out before execution is made in the D.T.P. ?	:-	Yes
7.	If so, state the Item No. with description and test to be carried out in brief ?	:-	Yes
8.	Whether the mention, regarding the tests to be carried during execution is made, state the Item No. with description and details of test to be carried out in brief.	:-	Yes
9.	Whether reference to P.W.D. Hand Book, I.S. Specification or I.R.C. Clauses are mentioned correctly and relevantly in the respectively item ?	:-	Yes
10.	Whether average rate of Earthe work is divided and entered in Schedule-B ? If so, give Rate Analysis.	:-	Not Applicable
11.	Whether the specification or alternative item, if any is incorporated ?	:-	Not Applicable
12.	Whether the description of each item literally and exactly tally with that in Schedule-B ?	:-	Yes

(5) GENERAL

1.	Whether statement of Item Not put to tender is incorporated with details ?	:-	Yes
2.	Whether the amount of sanctioned estimate tally with the total amount put to tender, amount of items not put to tender ?	:-	Yes
3.	Whether Page numbering in D.T.P. is made ?	:-	Yes
4.	Whether permission to split up to work, if any is sought from the competent authority ?	:-	Question does not arise.
5.	Whether the general specification and other relevant records are incorporated in the D.T.P. ?	:-	Yes
6.	Whether Executive Engineer has signed the D.T.P. and all corrections are fully attested by him ?	:-	Yes
7.	Whether the D.T.P. are submitted in well bound volume and in tidy fashion ?	:-	Yes

Dy. Executive Engineer
Panchayat (R & B) Sub Division,
Khambhat

Executive Engineer
Panchayat (R & B) Division,
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand
Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

CERTIFICATE
(To be issued by Deputy Executuve Engineer)

I have personally examined the D.T.P. & have personally verified all the points and found to be in order. Further I have satisfied my self with the fact that there is no ambiguity or discrepancy in the D.T.P submitted herewith which may lead to financial or contractual.

DRAFT TENDER PAPERS

Deputy Executive Engineer
Panchayat (R & B) Sub Divison
Khambhat

Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand
Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

CERTIFICATE

This is to certify that the specification of items drafted properly checked with schedule-"B" by me.

Add. Assistant Engineer of the
Executive Engineer
Panchayat (R & B) Division
Anand

This to certify that the Schedule - "B' of the tender is Arithmetically cheched by me.

Tender clerk of the
Executive Engineer
Panchayat (R & B) Division
Anand

This is to Certified that the specification of the items checked by me and same are prepare and as per situation and sanction plan estimate. This is also Certifies that the correction made in circle office copy/ Govt. copy are attached in other copies.

Dy.Executive Engineer
Panchyat (R & B) Sub Division
Khambhat

I have personally examined the Draft tender papers and I have personally verified all the order above points and found to be in order. Further I have satisfied my self with the D.T.P. Submitted her with which may lead to financial or Constructual implications.

DRAFT TENDER PAPERS.

Dy.Executive Engineer
Panchyat (R & B) Sub Division
Khambhat

Sr.Divisional Account Officer
Panchayat (R & B) Division
Anand

Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

STATEMENT SHOWING ASPHALT (VG30) CONSUMPTION

Sr. No	It NO.	37.5mmBuilt up Spray Grout For 4.00 Kg/10 smt						For 25 mm Carpet						For 0.18 cum/10 sqmt sealcoat			Total Qty Asphalt Required in M.Tone
		For Grouting			For Tack Coat			For Tack Coat			For Mixing						
		Qty in M.tone	Rate Of Asph. Per M.Tone	Qty. of asphalt Required in Kg.	Qty in Sq.mt	Rate of Asphalt per 10 Sqm. (AV.)	Qty. of asphalt Required in Kg.	Area Sqm.	Rate of Asphalt per 10 Sqm.	Qty. of asphalt Required in Kg.	Qty in M.tone	Rate Of Asph. Per M.Tone	Qty. of asphalt Required	Qty in M.tone	Rate Of Asph. Per M.Tone	Qty. of asphalt Required	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	For It. No.10	522.0	25.23	13170.06	0.0	4.00	0.00	0.00	2.50	0.0	0.00	33.60	0.0	0.00	45.00	0.00	13170.06
		37.5mmBuilt up Spray Grout For 2.50 Kg/10 smt															
		For Grouting			For Tack Coat			**For 37.50mm BM**						**For 20 MM MSS**			
2	For It. No.11 & 12	0.00	23.23	0.00	0.00	2.50	0.00	0.00	2.50	0.0	574.0	37.03	21255.2	320.0	50.90	16288.0	37543.22
												Total Asphalt Consumption					50713.28
												Total Asphalt Consumption in M.T.					**50.71 M.T**

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Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

STATEMENT SHOWING THE DIFFERENCE BETWEEN DTP & ESTIMATE AMOUNT

AMOUNT PUT TO TENDER

1	T.S. Estimate Amount :	Rs. :	22241840.00	
2	D. T. P. Amount :	Rs. :	18550865.26	
3	Difference :	Rs. :	3690974.74	

AMOUNT NOT PUT TO TENDER

ITEM CREATING DIFFERENCE

1	Difference due 1 % Q.C. Charges :	Rs. :	185508.37	
2	Difference due 1 % Contigency Charges :	Rs. :	166326.85	
3	Road Safety Audit	Rs. :		
4	Add 18% GST	Rs. :	3339150.66	
5	Credit For Dismentalling & Reuse Material	Rs. :	-	Deduct
6	Difference due to round figure in estimate : & Arithmatic Calculation Mistake	Rs. :	22.79	
7	Difference due to Av. Rate in DTP :	Rs. :	(33.93)	
8	Total Difference :	Rs. :	3690974.74	

Deputy Executive Engineer
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Executive Engineer
Panchayat (R & B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Taluka :Khambhat District : Anand

STATEMENT SHOWING CEMENT CONSUMPTION

Sr No	It No	Item	Unit	Total Qty	Rate of cement to be use in kg per unit as per nomes	Total Qty of cement required in Kg.
1	9	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. (i) 300 mm dia.	Rmt	52.50	1.02	53.55
2	13	Providing and laying Cement concrete M-20 with curing including compacting with surface mechanical vibrator, Mechanical floater, channeling form work, Grooving & filling the joints with filler materials etc complete.	Cum	485.00	360.00	174600.00
3	14	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	Nos.	11.00	11.70	128.70
4	15	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	Nos.	80.00	11.70	936.00
5	16	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.)	Nos.	4.00	18.70	74.80
6	17	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 refiectivesheeting 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)	Nos.	10.00	35.24	352.40
7	18	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 refiective 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)...	Nos.	1.00	35.24	35.24

Sr No	It No	Item	Unit	Total Qty	Rate of cement to be use in kg per unit as per nomes	Total Qty of cement required in Kg.
8	19	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. 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 refiective 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 75x75x6mm as required; 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)...	Nos.	4.00	70.48	281.92
9	22	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 refiective 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)...	Nos.	8.00	35.24	281.92
10	23	Citizen' s information Board- Providing and fixing of typical MMGSY information board as per instruction. Two ACP sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with MS angles of 25 x 25 x 5 mm thick M.S angle shall be welded by two vertical M.S angle of 5 mm thick to 75 mm x 75 mm of 12 SWG square tubes posts duly embedded in cement concrete M-15 grade blocks of 600mm x 600mm x 75mm, below ground level. The letters & figure of any shade reflectorised with High Intensity Prismatic Grade Retro Reflective Sheeting of Type 4 as per ASTM D-4956 and latest MORD specifications; All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paints as per drawing Clause 1701 and Annexure 1700.1 (10.16). (A) Class-B High intensity Grade Retro Reflective sheeting	Nos.	3.00	70.48	211.44

Sr No	It No	Item	Unit	Total Qty	Rate of cement to be use in kg per unit as per nomes	Total Qty of cement required in Kg.
11	24	MMGSY "LOGO" Board : Providing and fixing of MMGSY 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 shall be done as per the MMGSY Logo sign Design and as directed by Engineer in-charge. A warranty for 5 years for the Retro reflective sheeting for Type-1 Class-A from original manufacturer shall be submitted by contractor.	Nos.	3.00	35.24	105.72
12	25	MMGSY Project Information Board: Providing and fixing of typical PMGSY Project informatory sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Three Plates ACM (Aluminum Composite Material), material specificaitons as per clause 17001.3. The top most plate will be of 3mm ACM in diamond shape of 600x600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The middle 4mm ACM plate of will be 1200x150mm size riveted with MS angle iron frame of 25mmx25mmx5mm size on back on edges. The main 4mm ACM lower most plate will be 1500mmx600mm size, riveted with MS angle iron frame of 25mmx25mmx5mm size. 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 lower most plate and flat iron frame of the middle plate will be welded to two nos. 75mm x75mm (12 SWG) sheet tubes posts placed at 1125mm apart centre to centre. the top of the middle plate will be flushed with the top of 75mm dia medium steel tube posts and these posts 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 and the bottom of the middle plate will be 100mm above the top level of the lower most plate. the diamond shaped plate mounted over flat angle iron frame will be connected to middle plate by square steel section of 47mmx47mm, thickness 12SWG having a spacing of 100mm between the diamond shaped plate and middle plate and this square section will be riveted to the bottom point of the diamond shaped plate. 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	Nos.	3.00	70.48	211.44

Sr No	It No	Item	Unit	Total Qty	Rate of cement to be use in kg per unit as per nomes	Total Qty of cement required in Kg.
13	26	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 eteching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro refiective 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)...	Nos.	4.00	35.24	140.96
14	27	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road 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 spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 811)	Rmt	74.00	28.80	2131.20
15	28	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with one coat of epoxyprimer and two coats of best qualityepoxy paint; reflectorised with retro refiective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm75x75x6mm as required; painted with best qualityepoxy coatings in black and whitebends. the details of symbol for eachboard shall details of symbol for eachboard shall be as per the instruction ofengineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x45 x 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	Nos.	4.00	35.24	140.96
16	30	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	Cum	194.00	220.00	42680.00
17	31	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	Cum	54.00	220.00	11880.00
18	32	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves. (A) Height from 0.0 M. to 5.0 M.	Cum	519.00	290.00	150510.00
19	34	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	Rmt	85.00	3.74	317.90
					Total Kg.	**385074.15**
					In Bags	**7701.48**
					Say	**385.07**
						M.T

Sr No	It No	Item	Unit	Total Qty	Rate of cement to be use in kg per unit as per nomes	Total Qty of cement required in Kg.

STATEMENT SHOWING STEEL CONSUMPTION

Sr No	It No	Item	Unit	Qty		Total Qty in Tonne
1	33	Providing TMT Bar FE500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	Kgs.	1234.00		**1.23**
2	37	Providing and laying in position FE 550D TMT bar reinforcement with fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes, cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	MT	2.08		**2.08**
				Total	**M.T**	**3.31**

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R&B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Indian Oil Corporation Ltd.
(Marketing Division)
CONSUMER GROUP
AHMEDABAD DIVISIONAL OFFICE
NAVDEEP HOUSE, ASHRAM ROAD,
AHMEDABAD
TELEFAX- 079-27542211/27543467

IndianOil
A Maharatna Company

Sub: Price of various petroleum products from Indian Oil Corporation Ltd.

16.03.2026	Input rate

Dear Sir,

All Rates in ` and selling unit in MT unless specified.

Supply Point : Ex-Koyali / Asoj /Dumad (Dist. Vadodara)

Product	Eff. Date	Basic Price	State Sp Cost	Total Cost	CGST 9%	Add. ED	SGST 9%	Edu. Cess @ 3% ED	Sub-Total	VAT Rate	VAT Amt	Total
Bitumen VG-30 Bulk	16.03.2026	52992.00	0.00	52992.00	4769.28	0.00	4769.28	0.00	62530.56	0.0%	0.00	62530.56

The prevailing RSP of HSD in Ahmedabad is Rs. /liter.

This is a general price list for customers under Gujarat State and not specific for any customer.

Taxes indicated may be governed by the Govt. notifications.

At secondary locations billing will be on value inclusive of ED. The modvate may not exactly match with the ED since the same shall be based on actual duty payment at Mfg Location based on price prevailing on date of transfer of product from the Mfg Location to the actual Supply Location.

Price prevailing at the time of delivery will be applicable.

Thanking You,

Yours Faithfully
For Indian Oil Corporation Limited

Deepak Kapadia
Asst. Manager (CS), Ahmedabad-II CSA

*** Pow. Gen. = For use for Power Generation.**

*** VG= The grade of Bitumen w.e.f. 16.07.09 may be as per the viscosity grade and not as per penetration grade. VG 10 shall be equivalent to grade 80/100 & VG 30 shall be equivalent to grade 60/70.**

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

STATEMENT - B1

DETAILS OF COST of Cement, Steel & Asphalt

Item No.	Name of Material	Qty	Unit	Rate	Amount of material
1	2			3	4
1	Cement OPC 53 Grade	385.07	MT	5234.00	2015478.10
2	T.M.T. Bar (Fe-500D)	3.31	MT	59420.00	196917.88
3	Asphalt VG-30	50.71	MT	52992.00	2687398.13
	Total (Asphalt & Emulsion)	**50.71**	MT		**2687398.13**

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R&B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

STATEMENT SHOWING THE PRICE ADJUSTMENT

Sr. No.	Details of Component		Cost for Component				Tender Cost		Percentage of Component
[A]	Labour, P_L	=	2997586.39	x	100.00	/	18550865.26	=	16.16
[B]	Cement, P_C	=	2015478.10	x	100.00	/	18550865.26	=	10.87
[C]	Steel, P_S	=	196917.88	x	100.00	/	18550865.26	=	1.06
[D]	Bitumen, P_b	=	2687398.10	x	100.00	/	18550865.26	=	14.49
[E]	POL, P_f	=	1744795.76	x	100.00	/	18550865.26	=	9.41
[F]	Plant and Machinery Spares, P_p	=	4432609.52	x	100.00	/	18550865.26	=	23.89
[G]	Other Materials, P_m	=	4476079.51	x	100.00	/	18550865.26	=	24.13
		=	18550865.26				Total =		100.00

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Sr.Divisional Account Officer
Panchayat (R & B) Division
Anand

Executive Engineer
Panchayat (R&B) Division
Anand

Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Component of Work for Price Variation

Sr. No.	Qty.	Item of Work	Estimated / BOQ Rate	Unit	TotalAmount	Cement Component		Steel Component		Asphalt Component		Other Material Component		Labour Component		Plant and Machinary Component		POL	
						Consp.	Amount	Consp.	Amount	Consp.	Amount								
						Consp.	5.234	Consp.	59420	Consp.	52992	%	Amount	%	Amount	%	Amount	%	Amount
1	1.02	Clearing and grubbing road land including uprooting rank vegetation grass bushes,shrubs,sapling and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials (C) By mechanical means in area of light jungle	28455.1	Ha.	29024.202		0		0		0		0	30	8707.26	55	15963.31	15	4353.63
2	1999	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation) (A) From Borrow pits within land width	132.38	Cum	264627.62		0		0		0		0	5.29	13998.8	66.3	175448.11	28.41	75180.71
3	1792	Earthwork for embankment including breaking clods, dressing with all lead and lift (including watering and consolidation)(D) From Borrow area within 2.0 Km. lead	186.65	Cum	334476.8		0		0		0		0	5.29	17693.82	66.3	221758.12	28.41	95024.86
4	2989	Earthwork in cutting in all sorts of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge and cutting and toe of spoil bank.	109.42	Cum	327056.38		0		0		0		0	5.29	17301.28	66.3	216838.38	28.41	92916.72
5	1813	Rolling and watering of earthwork in layers with power roller including filling indepressions which occur during the process.	22.96	Cum	41626.48		0		0		0		0	5.29	2202.04	66.3	27598.36	28.41	11826.08
6	1571	Providing and laying 150mm thick Granular sub base in required layer by providing coarse graded materials Grading-II using B.T. M.C. Metal 53.00mm to 26.5mm @ 35%, aggregate 26.50 to 4.75mm @ 45% and Stone dust @ 20% as per Table 400-2 of MORT&H gradation including conveying the materials at site of work, mixing & spreading in to grade and camber, watering & consolidating at OMC with vibratory roller including the cost of material, labours etc. complete.	1472.57	Cum	2313407.47		0		0		0	32	740290.39	13.5	312310.01	38.15	882564.95	16.35	378242.12
7	750	Providing and laying 100 mm thick Compacted WBM (Using loose volume, MCBT metal size 45 to 90 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.18 cmt, Stone dust 0.09 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness, hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	2048.28	Cum	1536210		0		0		0	30.00	460863	19.5	299560.95	35.35	543050.24	15.15	232735.82
8	1084	Providing and laying 150 mm thick in 2- Layer (75+75 mm) Compacted WBM (Using loose volume, MCBT metal size 45 to 63 mm size) (1.21 Cmt.B.T. Grit 11.2 mm size 0.12 cmt, Stone dust 0.06 Cmt per Total 1 Cmt of Compacted volume) including spreading in uniform thickness,hand packing, rolling with vibratory roller 80 -100 kN static wt. to proper grade and camber, applying and brooming, stone screening/ binding materials to fill-up the interstices of course aggregate watering and compacting etc. complete as per Specification.	1931.12	Cum	2093334.08		0		0		0	31.00	648933.56	19.5	408200.15	34.65	725340.26	14.85	310860.11
9	52.5	Supplying and fixing reinforced concrete heavy duty non pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP3 of following internal diameter. (i) 300 mm dia.	1095.19	Rmt	57497.475	1.02	280.28		0		0	60.10	34557.44	21.52	12373.46	14.35	8250.89	3.54	2035.41

Sr. No.	Qty.	Item of Work	Estimated / BOQ Rate	Unit	TotalAmount	Cement Component		Steel Component		Asphalt Component		Other Material Component		Labour Component		Plant and Machinary Component		POL	
						Consp.	Amount	Consp.	Amount	Consp.	Amount								
						Consp.	5.234	Consp.	59420	Consp.	52992	%	Amount	%	Amount	%	Amount	%	Amount
10	522	Providing and laying Builtup spray grout base 37.50 mm thick in Single layer using asphalt grade VG 30 for tackcoat at the rate of 4.0 Kg./10 sqm. using B.T. stone aggregates as per MORT & H gradation and specification with the asphalt of VG-30 grade at the rate of 1.99%i.e.19.90 Kg./M.T. including heating and mixing asphalt and aggregate by continuous drum mix plant, transporting the mix, and spreading the same by paver finisher and consolidation by vibrator roller of 80 to 100 KN Static WT including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	2796.69	MT.	1459872.18		0		0	25.23	697907.82	11.19	163416.77	13.7	200002.49	19.5	284675.08	7.8	113870.03
11	574	Providing and laying 37.50 mm. thick Bitumenous Macadam with using asphalt grade VG 30 for tackcoat at the rate of 2.50 Kg./10 sqm. using crushed stone aggregate as per MORT & H gradation and VG-30 grade Bitumen at the rate of 3.40% by weight of total mix (ie 34 kg. / MTon of mix) for binding including heating & mixing the asphalt and aggregates by contineous Drum mix plant and transporting the mix and spreading the same by paver finisher and consolidation with vibratory road roller of 80 to 100 KN Static WT including providing and laying uniformly tack coat and using contractor's own machinaries including cost of all materials, fuel, labours, tools and plant etc using contractor's own machinaries etc. complete.	3355.22	MT.	1925896.28		0		0	37.03	1126356.62	12.52	241029.74	11.45	220515.12	13	250366.52	4.55	87628.28
12	320	Providing and laying Mix Seal Surfacing 20.00 mm thick using stone chipping as per MORT & H specification and asphalt grade VG-30 for mixing @ 50.90 Kg/M.T. i.e. 5.09 % of total weight of mix including heating the asphalt and aggregate mixing by continuous Drum mix plant transporting mixed material and spreading the same by pavers finisher and consolidation by vibratory roller of 80 Kn to 100 Kn static weight and flushing sand or stone dust @ 0.03 cmt / 10 smt including cost of labour, oil, lubricant etc using contractor's own Machineries and plant firewood, oil, kerosene, labour charges etc. complete	4019.8	MT.	1286336		0		0	50.9	863133.7	3.90	50164.86	8.75	112554.4	15	192950.4	5.25	67532.64
13	485	Providing and laying Cement concrete M-20 with curing including compacting with surface mechanical vibrator, Mechanical floater, channeling form work, Grooving & filling the joints with filler materials etc complete.	4812.65	Cum	2334135.25	360	913856.4		0		0	29.05	678023.84	16.73	390500.83	11.15	260256.08	3.92	91498.1
14	11	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	356.5	Nos.	3921.5	11.7	673.62		0		0	37.32	1463.6	25	980.38	18	705.87	2.5	98.04
15	80	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	350.81	Nos.	28064.8	11.7	4899.02		0		0	37.04	10396.3	25	7016.2	18	5051.66	2.5	701.62
16	4	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.)	704.34	Nos.	2817.36	18.7	391.5		0		0	40.60	1143.96	25	704.34	18	507.12	2.5	70.43
17	10	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	3379	Nos.	33790	35.24	1844.46		0		0	49.54	16740.04	25	8447.5	17.5	5913.25	2.5	844.75

Sr. No.	Qty.	Item of Work	Estimated / BOQ Rate	Unit	TotalAmount	Cement Component		Steel Component		Asphalt Component		Other Material Component		Labour Component		Plant and Machinary Component		POL	
						Consp.	Amount	Consp.	Amount	Consp.	Amount								
						Consp.	5.234	Consp.	59420	Consp.	52992	%	Amount	%	Amount	%	Amount	%	Amount
18	1	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	5045.37	Nos.	5045.37	35.24	184.45		0		0	51.34	2590.5	25	1261.34	17.5	882.94	2.5	126.13
19	4	Direction sign (Junction board):-Providing and fixing sing boards made out of 2mm aluminium sheet; size 244 x 122cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid	14831.71	Nos.	59326.84	70.48	1475.57		0		0	52.01	30857.56	25	14831.71	17.5	10382.2	3	1779.81
20	473	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 @	367.73	Sq.mt	173936.29		0		0		0	85.00	147845.85	10	17393.63	3.5	6087.77	1.5	2609.04
21	281	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beautile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous	375.72	Nos.	105577.32		0		0		0	88.00	92908.04	11	11613.51	0.7	739.04	0.3	316.73
22	8	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;	2423.74	Nos.	19389.92	35.24	1475.57		0		0	47.39	9188.89	25	4847.48	17.5	3393.24	2.5	484.75
23	3	Citizen' s information Board- Providing and fixing of typical MMGSY information board as per instruction. Two ACP sheets of 3 mm thick, of 900 mm x 750mm size fixed at top & bottom duly rivetted with MS angles	11612.98	Nos.	34838.94	70.48	1106.68		0		0	51.82	18054.74	25	8709.74	17.5	6096.81	2.5	870.97
24	3	MMGSY "LOGO" Board : Providing and fixing of MMGSY 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	5068.18	Nos.	15204.54	35.24	553.34		0		0	51.36	7809.16	25	3801.14	17.5	2660.79	2.5	380.11
25	3	MMGSY Project Information Board: Providing and fixing of typical PMGSY Project informatory sign board with Logo as per 1700 of MORD specifications and drawing. The board will be a composite unit consisting of Three	11112.02	Nos.	33336.06	70.48	1106.68		0		0	51.68	17228.15	25	8334.02	17.5	5833.81	2.5	833.4
26	4	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;	3268.76	Nos.	13075.04	35.24	737.78		0		0	49.36	6453.49	25	3268.76	17.5	2288.13	2.5	326.88
27	74	Type - A, "W" : Metal Beam Crash Barrier (Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC	3468.34	Rmt	256657.16	28.8	11154.7		0		0	60.65	155672.45	25	64164.29	7.5	19249.29	2.5	6416.43
28	4	Informatory Signs :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; coated with	3856.9	Nos.	15427.6	35.24	737.78		0		0	50.22	7747.4	25	3856.9	17.5	2699.83	2.5	385.69
29	350	Excavation for foundation upto 1.5M. depth including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 meter lead.(B) Dense or Hard soil.	253.89	Cum	88861.5		0		0		0	0.00	0	30	26658.45	55	48873.83	15	13329.23
30	194	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	2979.5	Cum	578023	220	223387.12		0		0	11.49	66433.61	26.61	153811.92	17.74	102541.28	5.51	31849.07
31	54	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete.	3345.59	Cum	180661.86	220	62179.92		0		0	23.57	42585.89	22.6	40829.58	15.07	27225.74	4.34	7840.72
32	519	Providing and casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-	3921.83	Cum	2035429.77	290	787769.34		0		0	19.64	399700.39	22.37	455325.64	14.92	303686.12	4.37	88948.28
33	1234	Providing TMT Bar FE500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	77.29	Kgs.	95375.86		0	1.234	73324.28		0	5.77	5503.87	10.3	9823.71	6.87	6552.32	0.18	171.68

Sr. No.	Qty.	Item of Work	Estimated / BOQ Rate	Unit	TotalAmount	Cement Component		Steel Component		Asphalt Component		Other Material Component		Labour Component		Plant and Machinary Component		POL	
						Consp.	Amount	Consp.	Amount	Consp.	Amount								
						Consp.	5.234	Consp.	59420	Consp.	52992	%	Amount	%	Amount	%	Amount	%	Amount
34	85	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in C.M. 1:2 watering and laying (To level of slops of I.S. 458 / 1971 Class NP4 of following internal diameter. (iv) 900 mm dia.	4710.56	Rmt	400397.6	3.74	1663.89		0		0	88.79	355530.81	5.01	20059.92	3.34	13373.28	2.44	9769.7
35	228	White washing with lime on wall surface (two coats) to give an even shade including thoroughly booming the surface to remove all dirt, dust; mortar drops and other foreign matter.	12.7	Sq.mt	2895.6		0		0		0	6.90	199.8	55.86	1617.48	36.24	1049.37	1	28.96
36	148	Providing and laying weep hole in Aburtments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	48.11	Each	7120.28		0		0		0	90.00	6408.25	5.7	405.86	3.8	270.57	0.5	35.6
37	2.08	Providing and laying in position FE 550D TMT bar reinforcement with fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M	84021.9	MT	174765.552		0	2.08	123593.6		0	17.08	29850.55	6.41	11202.47	4.27	7462.49	1.52	2656.44
38	148	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications.	1239.36	Sq.mt	183425.28		0		0		0	14.44	26486.61	55.99	102699.81	24	44022.07	5.57	10216.79
Total…					**18550865.26**		**2015478.1**		**196917.88**		**2687398.099**		**4476079.51**		**2997586.39**		**4432609.52**		**1744795.76**
Percentage Component…					**18550865.26**		**10.87**		**1.06**		**14.49**		**24.13**		**16.16**		**23.89**		**9.41**

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Sr.Divisional Account Officer
Panchayat (R & B) Division
Anand

Executive Engineer
Panchayat (R&B) Division
Anand

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Name of Work :- Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21

Sr No.		Clause no	Page No.		
1	**Principle Approval Date and Amount (Attach letter)**	-	-	:-	
2	**Administrative Approval Date and Amount (Attach letter)**	-	-	:-	**APC/2025/Jo.No./88/D.3 Dtd. 26/02/2026 Sr No.1 & 2 for Rs. 64.33 lacs Under MMGSY Year 2025-26**
					APC/2025/Jo.No./88/D.3 Dtd. 09/02/2026 Sr No. 2 for Rs. 150.00 lacs Under MMGSY Year 2025-26
3	**Technical Approval Date and Amount (Attach letter)**	-	-	:-	
Construction of Shakarpur Chokhandi Anganvadi and Chokhandi Para Vistar to Metpur Vasana Ralej Road Joining Road (VRNP) Km. 0/000 to 1/800 Ta.:- Khambhat Dist.:- Anand					Ts. For Rs 14997380.00 By S.E.Panchyat, R & B Ahmedabad Circle, as per Item No 401 Pg No 47 In 27/03/26
Construction of Khambhat Nagra Road To Vijiba Janhit Child School Road (VRNP) km. 0/000 To 0/110 Ta. :- Khambhat Dist. :- Anand					Ts. For Rs. 4194590.00 By E.E.Panchyat, Panchayat (R&B) Division, Anand, as per Item No 363 Pg No 50 in 30/03/2026□
Construction of Khambhat Dharmaj Highway to Gayatri Sanskar Mandal Joining Road (VRNP) km. 0/000 To 0/290 Ta. :- Khambhat Dist. :- Anand					Ts. For Rs. 3049870.00 By E.E.Panchyat, Panchayat (R&B) Division, Anand, as per Item No 365 Pg No 50 in 30/03/2026□
4	**SOR Year**	-	-	:-	**2024-25**
5	**DTP amount**	IFB	4	:-	**18550865.26**
6	**Tender Fee Rs. (As per GR- PRCH-102000-IB-221(59)-C, dated 24/01/2007) (3.0 Cr. to 5.0 Cr. – Rs 6000 5.0 Cr. to 10.0 Cr. – Rs 12000 Above 10.0 Cr.- Rs 18000)**	-	-	:-	**3600.00 Rs**
7	**Earnest Money Deposit (Bid Security-1% of DTP amount) Rs.**	IFB point 6	4	:-	**186000.00**
8	**Time Limit (Months)**	Section 3 cl. 17	41	:-	**09 (NIne) Months (Including Monsoon Period)**
9	**Annual Financial Turnover Amount Rs.**	Section 1 cl. 4.5.3(a)	9	:-	
10	**Defect Liability Period (In Months & includes no. of Monsoons)**	Section 3 cl. 33.1 (C)	46	:-	**36 Months (including 3 monsoons)**
11	**Free Maintenance Guarantee Period (for Road & Bridge Construction)**	Section 3 cl. 33.2 (b)	46	:-	**5 Years (As per MMGSY Special Condition Attached)**
12	**Registration/Category required**	-	-	:-	**"B" class with Special Cat.-III for Road and above**
13	**Site Possession Date**	Section 3 cl. 21	42	:-	1st day of Work order#

14	**Period between Program Update (Days)**	Section 3 cl. 27.3	44	:-	30 days	
15	**Amount to be withheld for late submission of Program**	Section 3 cl. 27.3	44	:-	1.00 Lakh	
16	**Milestone: -**	Section 3 cl. 49.1	53	:-	**% of work**	**Days**
(A)	**Milestone 1**	-	-	:-	**25%**	**68 Days**
(B)	**Milestone 2**	-	-	:-	**50%**	**135 Days**
(C)	**Milestone 3**	-	-	:-	**75%**	**203 Days**
(D)	**Milestone 4**	-	-	:-	**100%**	**270 Days**

#In case of LA/FRA is in progress give likely date.

17	**Price Adjustment Components**	Section 4 cl. 24	66	:-	**%**		**Input index/price***
(A)	**Labour, P_L**	Section 4 cl. 24 (i)	66	:-	$P_{L=}$	**16.16**	Lo=
(B)	**Cement, P_C**	Section 4 cl. 24 (ii)	66	:-	$P_{C=}$	**10.87**	Co=
(C)	**Steel, P_S**	Section 4 cl. 24 (iii)	67	:-	$P_{S=}$	**1.06**	So=
(D)	**Bitumen, P_b**	Section 4 cl. 24 (iv)	67	:-	$P_{b=}$	**14.49**	Bo=
(E)	**POL, P_f**	Section 4 cl. 24 (v)	68	:-	$P_{f=}$	**9.41**	Fo=
(F)	**Plant and Machinery Spares P_p**	Section 4 cl. 24 (vi)	68	:-	$P_{p=}$	**23.89**	Po=
(G)	**Other Materials, P_m**	Section 4 cl. 24 (vii)	69	:-	$P_{m=}$	**24.13**	Mo=
	Total	-	-	:-		**100%**	
18	**Amount to be withheld for failing to supply "as built" drawings**	Section 3 cl. 58	56	:-	2.00 Lakh		
19	**Percentage Rate Contract**	Section 7	78	:-			

*Input index/price for each component on 28 days preceding the date of opening of technical bid shall be noted.

CERTIFICATE

This is to certify that the contract document prepared for the work **Construction of Various Road Under MMGSY (SCSP) in Khambhat Taluka Dist. :- Anand Pkg. No. AND/MMGSY/SCSP/2025-26/21** is based on the Standard Bidding Document Procurement of Civil Works published by R&B department letter No. RBD/0346/10/2023 dated 12/10/2023.

No further modification and alteration in this standard format has been made by this office.

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Khambhat

Executive Engineer
Panchayat (R&B) Division
Anand

ABSTRACT OF ESTIMATE