

Name of Work:

**SCSP - MMGSY 2025 - 2026. PTN -65, Construction of - Dhanpura (vid) To Vagrol Approach Road. In Siddhpur Taluka, Dist-Patan.**

**SCHEDULE – B**  
**QUANTITY STATEMENT**

It. No.	Description of Item (with brief specification and reference to book of specifications)	Quantity	Unit	Estimated rate		Amount
				Rate In figures	In words	
1	3	2	6	4	5	7
1	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	0.42	Hec	28455.09	Rupees Twenty Eight Thousand Four Hundred Fifty Five and Paise Nine Only	11951.14
2	Earthwork for embankment with selected earth CBR not less than 6 including breaking clods, dressing with all lead and lift (including watering and consolidation) (B) From Borrow area with all lead and lift.	2965.00	Cum.	167.76	Rupees One Hundred Sixty Seven and Paise Seventy Six Only	497408.40
3	Providing laying spreading and compacting 150mm thick granular sub base (G.S.B.) with specified material MC BT Metal of size 53 to 26.5mm 35%, 26.5mm to 4.75mm 45% and below 2.36mm stone dust 20% mix (Grade-I) having C.B.R. not less than 30 incl. mixing the material at OMC at site and spreading in uniform layer base and compacting with power roller to achieve the desired density incl. all materials, labour and machinery, lighting guarding, bracketing and maintenance of diversion etc. complete as per MORT&H	701.00	Cum.	1224.12	Rupees One Thousand Two Hundred Twenty Four and Paise Twelve Only	858108.12
4	Providing and laying W.B.M of B.T.M.C metal of size 45 mm to 90 mm size including 0.27 Cu.m. stone screening & 0.08 Cu.M. stone dust as filler including spreading, watering & consolidation by vibratory roller 80KN to 100KN static weight. 100 mm thick compacted.	411.00	Cum.	1958.39	Rupees One Thousand Nine Hundred Fifty Eight and Paise Thirty Nine Only	804898.29
5	Providing and laying W.B.M of B.T.M.C metal of size 45 mm to 63 mm size including 0.12Cu.M. Stone Screening & 0.08 Cu.M. stone dust as filler including spreading, watering & consolidation by vibratory roller 80 KN to 100 KN static weight. 75mm thick compacted each of two layers	612.00	Cum.	1855.37	Rupees One Thousand Eight Hundred Fifty Five and Paise Thirty Seven Only	1135486.44
6	Providing and laying 37.5mm thick bituminous grout base course using M.C stone B.Tstone. as per gradation and asphalt VG-30 for mixing 1.99% of mix i.e 19.90/MT by weight including heating the asphalt and aggregate by hot mix hot laid process using drum mix plant beaching, spreading the same by paver finisher and consolidation with vibratory roller including the cost of labour ,oil, lubricants etc. using contractors own machineries and plant including applying tack coat over WBM surface 4.0kg/10sqm.	286.00	MT	2922.94	Rupees Two Thousand Nine Hundred Twenty Two and Paise Ninety Four Only	835960.84

7	Providing and laying 37.50 mm thick B.M. using M.C stone B.T. stone. as per M.O.R.T. & H. specification & asphalt for tack coat at the rate of 2.5 Kg./10 Sqm. with mechanical sprayer & bitumen grade VG 30 for mixing at the rate of 34 Kg./M.T. i.e. 3.40% of total weight of mix including heating the aggregate and asphalt in continuous batching drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller including paving all materials equipments, tools & plants, fire wood, oil, kerosene, labour charges etc complete using contractor's own machinery drum mix plant & paver finisher etc. complete.	<b>315.00</b>	<b>MT</b>	<b>3702.66</b>	<b>Rupees Three Thousand Seven Hundred Two and Paise Sixty Six Only</b>	<b>1166337.90</b>
8	Providing and laying premix seal coat using B.T.chips ( 6 to 10mm size ) 0.24 Cum./10 Sq.mt. i.e. 0.66 Cum. aggregate / 1 M.T. mix and asphalt grade VG-30 at the rate of 4.5% of mix i.e. 45 Kg./MT including heating the asphalt and aggregate by continuous batching drum mix plant, transporting the mixed material by tipper trucks and spreading the same by paver finisher and consolidation by vibratory roller of 80 to 100 KN static weight including providing equipment, tools and plant, firewood lubricants, kerosene, oil, labour charges using contractor's own machineries drum mix plant and paver finisher.	<b>104.00</b>	<b>MT</b>	<b>4235.94</b>	<b>Rupees Four Thousand Two Hundred Thirty Five and Paise Ninety Four Only</b>	<b>440537.76</b>
9	Providing Hard Side Solder of 100mm thick for embankment using quarry spall with all lead and lift and including watering and rolling and consolidation of sub grade in layers at OMC to required dry density including filling the depressions which occur during the process using power roller 8T to 10 T (Selected Quarry Spall having CBR value not less than 20.00)	<b>115.20</b>	<b>Cum.</b>	<b>915.06</b>	<b>Rupees Nine Hundred Fifteen and Paise Six Only</b>	<b>105414.91</b>
10	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful material and disposing off the excavated stuff upto 50 m lead(A) Loose or soft soil	<b>44.00</b>	<b>Cmt</b>	<b>128.79</b>	<b>Rupees One Hundred Twenty Eight and Paise Seventy Nine Only</b>	<b>5666.76</b>
11	Excavation for foundation in sand, gravel, clay soft soils and murrum etc. including shoring, strutting dewatering as necessary and disposing of the excavated stuff as directed.(A) Depth upto 3.0 M. and lead upto 100m	<b>314.00</b>	<b>Cmt</b>	<b>535.45</b>	<b>Rupees Five Hundred Thirty Five and Paise Forty Five Only</b>	<b>168131.30</b>
12	Providing & laying CC 1:4:8 , (1 cement:4 Coarse sand:8 machine crushed stone aggregate 40mm nominalsize) and curing complete in Foundation & Plinth.	<b>75.00</b>	<b>Cmt</b>	<b>2749.12</b>	<b>Rupees Two Thousand Seven Hundred Forty Nine and Paise Twelve Only</b>	<b>206184.00</b>
13	Providing & casting in situ ordinary cement concrete 1:2:4 (1 cement : 2 Coarse sand : 4 machine crushed stone aggregate 20mm nominal size) 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.	<b>282.00</b>	<b>Cmt</b>	<b>3723.54</b>	<b>Rupees Three Thousand Seven Hundred Twenty Three and Paise Fifty Four Only</b>	<b>1050038.28</b>

14	White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to removed all dirt, dust mortar drops and other foreign matter.	<b>34.00</b>	<b>Sqm.</b>	<b>13.30</b>	<b>Rupees Thirteen and Paise Thirty Only</b>	<b>452.20</b>
15	Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width	<b>17.00</b>	<b>Sqm.</b>	<b>136.49</b>	<b>Rupees One Hundred Thirty Six and Paise Forty Nine Only</b>	<b>2320.33</b>
16	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in cm. 1:2 watering and laying (To level of slops) of I.S. 458/1971 Class NP 3 casted by vertically vibrated technology of following internal diameters. (v) 900 mm Dia	<b>20.00</b>	<b>Rmt</b>	<b>3271.56</b>	<b>Rupees Three Thousand Two Hundred Seventy One and Paise Fifty Six Only</b>	<b>65431.20</b>
17	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts including setting and joining the pipes in cm. 1:2 watering and laying (To level of slops) of I.S. 498/1971 Class NP 3 casted by vertically vibrated technology of following internal diameters. (vii) 1200 mm Dia	<b>38.00</b>	<b>Rmt</b>	<b>5516.63</b>	<b>Rupees Five Thousand Five Hundred Sixteen and Paise Sixty Three Only</b>	<b>209631.94</b>
18	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 casted by vertically vibrated technology of following internal diameter. (iv) 300 mm dia.	<b>50.00</b>	<b>Rmt</b>	<b>1095.18</b>	<b>Rupees One Thousand Ninety Five and Paise Eighteen Only</b>	<b>54759.00</b>
19	Providing and laying in position FE 550D TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns	<b>1.81</b>	<b>MT</b>	<b>73858.69</b>	<b>Rupees Seventy Three Thousand Eight Hundred Fifty Eight and Paise Sixty Nine Only</b>	<b>133684.23</b>
20	Providing & laying weep hole in Aburtments, and returns by using PVC 6 Kgf/Sqcm. Pipe of 110mm dia. including laying in proper grade and jointing the completed as per detailed specification.	<b>87.00</b>	<b>No.</b>	<b>151.10</b>	<b>Rupees One Hundred Fifty One and Paise Ten Only</b>	<b>13145.70</b>
21	Providing & Casting in situ Ordinary Cement Concrete 1:1.5:3 (1 cement : 1.5 Coarse sand : 3 machine crushed stone aggregate 20mm nominal size) for C.C. road including including tamping ,vibrating, finishing and curing complete.Finishing the cement concrete road by trimix process inclusive of labour charges for trimix vacuum dewatering process on cement concrete road by using vacuum dewatering pump, surface floater, surface vibrator including channeling & making grooves & rough finish to surface by providing expansion joints, contraction joint & construction joints with fillings of joints with asphalt filler as per direction by engineer incharge & as per specification.	<b>53.00</b>	<b>Cmt</b>	<b>4955.57</b>	<b>Rupees Four Thousand Nine Hundred Fifty Five and Paise Fifty Seven Only</b>	<b>262645.21</b>
22	Providing and fixing Indicator stone of RCC Type Design as per I.R.C. type design including white washing etc. complete. (I) Fixing in CC 1:5:10	<b>41.00</b>	<b>No</b>	<b>487.92</b>	<b>Rupees Four Hundred Eighty Seven and Paise Ninety Two Only</b>	<b>20004.72</b>

23	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(i) Fixing in CC 1:5:10	4.00	No	356.50	Rupees Three Hundred Fifty Six and Paise Fifty Only	1426.00
24	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.)	1.00	No	704.33	Rupees Seven Hundred Four and Paise Thirty Three Only	704.33
25	Citizen's Information Board - Providing and fixing of typical Project information board as per instruction. Two ACP Sheets of 3 mm thick, of 900 mm x 750 mm size fixed at top & bottom duly rivetted with MS angles of 25 x 25 x 5 mm thick M.S. angles shall be welded by two vertical 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 60 x 60 x 75 Cm, 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 MORTH specifications; All section 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.	1.00	No	9855.58	Rupees Nine Thousand Eight Hundred Fifty Five and Paise Fifty Eight Only	9855.58
26	Providing and fixing Logo Board of Project diamond size (600 x 600mm) 16 gauge & board plate size (900 x 250 mm) 16 guage thick M.S. Plate and 2.40 meter deep length single angle 75 x 75 x 6 mm size including fitting in CC Block CC 1:2:4, 30 x 30 x 85 Cm including necessary excavation, painting, lettering with luminous colours as per drawing etc.	1.00	No	2393.70	Rupees Two Thousand Three Hundred Ninety Three and Paise Seventy Only	2393.70
27	Cautionary Warning Sign / Give Way Sign :-Providing and fixing sing boards made out of 4mm ACP (Aluminium Composite Panel); size 90 x 90 x 90 cms. equilateral triangle as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MORD Specifications; 3.1mtr long stand post of Iron Angle 75 x 75 x 6 mm as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B High Intensity Grade Retro Reflective Sheeting	5.00	No	3906.19	Rupees Three Thousand Nine Hundred Six and Paise Nineteen Only	19530.95

28	Distance Informatory / Destination Sign :-Providing and fixing sign boards made out of 2mm aluminium sheet / 4mm ACP (Aluminum composite Panel); size 180x120 cms. rectangular as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflectivesheeting of Type-4 as per ASTM D-4956 and latest M.O.S.T.Specifications; 4.0mtr (2 Nos.) long stand post of Iron Angle 75 x 75 x 6mm / 65NB Circular MS Pipe as required and frame fabricated from suitable size iron angle of 50 x 50 x 5mm; painted with bestquality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC blockof size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer & a certified copy of 3 year outdoor exposure test report from third party test lab for the product offered shall be submitted by contractor. (B) Class-B Type-4 Retro Reflective sheeting.	2.00	No	18254.19	Rupees Eighteen Thousand Two Hundred Fifty Four and Paise Nineteen Only	36508.38
29	STOP Sign :-Providing and fixing sing boards made out of 4mm ACP (Aluminium Composite Panel); size 90 cms. Octagonal as per design of IRC-67-2012. Pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MORD Specifications; 3.1mtr long stand post of Iron Angle 75 x 75 x 6 mm as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B High Intensity Grade Retro Reflective Sheeting	4.00	No	6704.36	Rupees Six Thousand Seven Hundred Four and Paise Thirty Six Only	26817.44

30	Providing and Fixing Village Name sing board having both side covered with 4mm ACP Sheet size 90x60 cms rectangular with message as per the design, pretreated with phosphating process & acid etching with one coat of epoxy primer and two coats of best quality epoxy paint, reflectorised with High Intensity Micro Prismatic Grade Type-IV retro reflective sheeting as per the IRC 67 and latest MOST Specifications; 3.1mtr long stand post of Iron angle 75 x 75 x 6 mm and frame fabricated from suitable Square Hollow Section of 40x40x2.6mm, as required, painted with best quality epoxy coating in black and white bends. The details of the letters/symbols for board shall be screen printed on both the side of the board with approved color as per design and as directed by manufacturer of the retro reflective sheeting and instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. (A) Class-B High Intensity Grade Retro Reflective Sheeting	4.00	No	6397.43	Rupees Six Thousand Three Hundred Ninety Seven and Paise Forty Three Only	25589.72
31	Chevron Sign :-Providing and fixing sing boards made out of 3mm ACP (Aluminium Composite Panel); size 60x45 cm rectangular as per design of IRC-67-2012. Pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MOST Specifications; 3.1mtr long stand post of Iron Angle 75 x 75 x 6 mm as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B High Intensity Grade Retro Reflective Sheeting	16.00	No	3711.75	Rupees Three Thousand Seven Hundred Eleven and Paise Seventy Five Only	59388.00

32	<p>Hazard Marker Sign :-Providing and fixing sing boards made out of 3mm ACP (Aluminium Composite Panel); size 90x30 cm rectangular as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MOST Specifications; 1.8mtr long stand post of Iron Angle 75 x 75 x 6 mm as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B High Intensity Grade Retro Reflective Sheeting</p>	8.00	No	3518.69	Rupees Three Thousand Five Hundred Eighteen and Paise Sixty Nine Only	28149.52
33	<p>Regulatory/Mandatory signs :-Providing and fixing sing boards made out of 4mm ACP (Aluminium Composite Panel); size 60 cms dia Circle as per design of IRC-67-2012. Pre treated with phospheting process &amp; acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint ; reflectorised with High Intensity Prismatic Grade retro reflective sheeting of Type-4 as per ASTM D-4956 and latest MOST Specifications; 3.6mtr long stand post of Iron Angle 75 x 75 x 6 mm as required and frame fabricated from suitable size iron angle of 35 x 35 x 3mm; painted with best quality epoxy coatings in black and white bends. The details of symbol for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60 Cms. for each leg including excavation, curing etc.complete under the supervision of engineer in charge. A warranty for 7 years for the Retro reflective sheeting from original manufacturer shall be submitted by contractor. (A) Class-B High Intensity Grade Retro Reflective Sheeting</p>	5.00	No	3540.12	Rupees Three Thousand Five Hundred Forty and Paise Twelve Only	17700.60

34	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 @ 250 gms per sqm. area, Thickness of 2.5 mm is exclusive 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 color marking should provide liminance coefficient on cement road shall be min. 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during the day time. The marking should meet the performance criteria for night time reflectivity, wet reflectivity and skid resistance as mentioned in the section-15 of IRC 35-2015. warranty of reflectorising for 3 (three) years.	213.00	Sqm.	367.72	Rupees Three Hundred Sixty Seven and Paise Seventy Two Only	78324.36
						8354587.25
	In Word					
	Rupees Eighty Three Lakhs Fifty Four Thousand Five Hundred Eighty Seven and Paise Twenty Five Only					

I/We am/are willing to carry out the work at...% above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put to tender Rs.....

Estimated amount put to tender Rs.....

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

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

Net Rs.....

Net Rs.....

In words.....

In words.....

Signature of Contractor

Deputy Executive Engineer  
Panchayat R & B Sub Division  
Siddhpur

Executive Engineer  
Panchayat R & B Division  
Patan

Notes 1 - The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.

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

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

Note 4 - In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.