

Suvidhapath 2025-26**Name of work :- Bhagod Pandurang Shastri Upvan Road. Ta. & Dist. Valsad****:: SCHEDULE 'B' ::**

Sr. No.	Estimated Quantity but may be more or less	Item of work	Estimate Rate	Unit	Total amount according to estimated quantities.
			In figures		
1	2	3	4	6	7
1	0.10	Clearing and grubbing road land including uprooting trunk vegetation, grass bushes, shrubs, saplings and trees girth upto 300 mm removal of stumps of trees cut earlier & disposal of unserviceable material. (C) By Mechanical means in area of light jungle.	28393.04	Hect.	2839.30
2	164.00	Earth work in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200 meters from the end of the cutting with all required lead and lift.	128.07	Cum.	21003.48
3	1796.00	Box cutting the road surface to proper slope and camber for making a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50mt lead.	104.04	Cum.	186855.84
4	3338.00	Rolling and Consolidation of soling including filling the depressions which occur during the process with vibratory roller 80 to 100 KN static weight	22.36	Sqm.	74637.68
5	477.00	Constructing of granular sub-base by providing course graded B.T. machine crushed material satisfying MOST specification of grading I including spreading in uniform layer with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC and compacting with vibratory roller to achieve the desired density etc. complete.	594.89	Cum.	283762.53
6	501.00	Providing and laying wet mix macadam base course as per MORTH specification using machine crushed B.T. chips as per required gradation, mixing with required optimum quantity of water, conveying the mix to site of work, spreading in to grade and camber with paver/mechanical means and consolidation each layer with vibratory roller to achieve the desired density including cost of material labour plant and equipment etc. complete.	674.68	Cum.	338014.68

7	334.00	Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 220 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a fixed form paver or conventional method, compacting with 80-100 KN static Weight vibratory roller, finishing and curing etc. complete.	2391.68	Cum.	798821.12
8	951.00	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with concrete grade M30, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form para, spreading, compacting and finishing in a continuous operation including provision and cost of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures recron fiber etc as approved, curing compound, finishing to lines and grades as per drawing and as directed by the engineer in charge.	5665.09	Cum.	5387500.59
9	520.00	Providing and fixing pre-cast Rubble dye inter locking concrete block 80mm thick with grade concrete M200 pneumatic compressed by mechanically pressed and as per approved design including 75 mm sand layer for levelling and filling the joint with sand in proper line and level etc. completed	686.90	Sqm.	357188.00
10	40.00	Supplying, fixing & joining reinforced concrete heavy duty non pressure pipe with collars for culverts carrying heavy traffic as per Indian Railway Standard Specifications including setting and joining the pipe in cement mortar 1:2 watering and laying (to level or slope) of I.S. class NP-3 600 mm dia.(Internal)	1952.00	Rmt.	78080.00
11	2.00	Providing & Fixing ordinary K.M. Stone Precast C.C. 1:2:4 including necessary reinforcement as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For VR)	704.33	No.	1408.66
12	2.00	Providing & Fixing Hectometer stone as per I.R.C. type design including painting, lettering etc. complete (i) Fixing in C.1:5:10	356.50	No.	713.00

13	2.00	Providing & fixing Village Name Board Made out of 2mm aluminium sheet; size 90x60cms.rectangle 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 refle retro reflective sheeting as per latest M.O.S.T. Specifications ;Letters and numerals should be as per IRC-30-1968. 3.1m long (2 nos.) Stand post and frame fabricated from suitable size iron angle of 50x50x5mm. painted with best quality epoxy coatings in black and white bends. The details of symbol or inscription/numbers 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 45x45x60cms. for each leg, including excavation curing etc.complete under the supervision of enginner in charge.(A) Engineer Grade	5045.36	No.	10090.72
14	2.00	Providing & fixing junction boards made out of 4mm ACP sheet size 120 X 90 cms rectangle with message on both side of board, as per the design of IRC. Pre treated with phospheting process and acid etching with one coat of epoxy primer and two coats of best quality epoxy paint,front side reflectorised with high intensity Micro Prismatic Grade Type -IV retro reflective sheeting as per the IRC-67 and latest MOST specification and back side message / lettering shall be painted with ready mix synthetic enamel paints of superior quality in required shade and color as specified, mounted on 2 nos of 3.6mt long stand stand pst of iron angle 50x50x6mm and frame fabricated from suitable MS angle of 40x40x3mm as required,painted with best quality epoxy coating in black and white bends.The details of the letters / symbols for 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 45x45x60 cms for each leg, including excavation, curingetc complete under the supervision of Engineer in charge.	7106.36	No.	14212.72

15	2.00	Logo Board:- Providing and fixing Suvidhapath Logo Board made out of 2mm aluminium sheet, as per the drawing & design. Pre treated with phospheting process and acid etching coated with one coat of epoxy primer and two coat of best quality epoxy paint, reflectorized with retro reflective sheeting as per the latest M.O.S.T. specification, 3.1 Mt. long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3 mm, 75 x 75 x 6 mm 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 60 cms for each leg, including excavation curing etc. complete under the supervision of Engineer-In-Charge (A)Engineer grade.	5050.00	No.	10100.00
Total Rs. :-					7565228.32