

**Name of work:**

**MMGSY 2025-26 (96-5054-04-796-02 Sr.No 1-Resurfacing)**  
**Resurfacing Of Various Road in Dharampur Taluka Dist. Valsad. Pakage**  
**DHR-8 (Total 2 Roads, 6.80 Km) (1) Resurfacing of Kakadkuva Nasik road to**  
**Ambaji Mataji madir to joining Tiskaritalat Madhaldevi faliya Road.(VR-NP)**  
**Km. 0/0 to 2/80 (2) Resurfacing of Baroliya Madhaldevi to Jadav Faliya to**  
**Patel Faliya Road.(VR-NP) Km. 0/0 to 4/0 Tal. Dharampur, Dist. Valsad**

**SCHEDULE - B****Memorandum showing items of works to be carried out**

It. No.	Quantities estimated but may be more or less		Item of work	Estimated	Unit	Total Amount according to estimated quantities
				In figures Rs. Ps.		
1	2		3		6	7
1	1.87	Hect.	Clearing and grubbing road land including uprooting rank vegetation, grass bushes, shrubs, saplings and trees girth up to 300 mm removal of stumps of trees cut earlier and disposal of unserviceable materials.(D) By mechanical means in area of thorny jungle.	34796.29	Hect.	65138.65
2	12412.50	Sq.mt.	Scarifying gravelled macadam or bitumen macadam surface 6 cm to 10 cm.depth including stacking useful materials on road side and disposing off remaining stuff.	40.72	Sq.mt.	505437.00
3	12413.00	Sq.mt.	Rolling and consolidation of soiling including filling in depression which occur during the process with power roller 8 to 12 tonne	22.36	Sq.mt.	277554.68
4	4642.00	Cu.mt.	Earth work in cutting in all coats of soil and soft murrum including conveying and putting the stuff in spoil bank maintaining minimum distance of five meter between top edge of cutting and top of spoil bank.	104.04	Cu.mt.	482953.68
5	75.00	Rmt	Supplying and fixing reinforced concrete heavy duty non-pressure pipes with collars for culverts carrying heavy traffic as per IS 458-1991 specifications including setting the pipes in C.M. 1:2 watering and laying (to level or slopes) of class NP3 of following internal daimeters.(iii) 600mm dia.	1952.00	Rmt	146400.00
6	1224.00	Cu.mt.	Supplying, Stacking and Spreading the Hard Murrum including rolling and watering etc. Complete.	582.37	Cu.mt.	712820.88
7	2083.00	cu.mt.	Construction of granular sub-base by providing coarse graded material grading-II, spreading in uniform layers 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, complete as per clause 401.B	578.10	cu.mt.	1204182.30

1	2		3		6	7
8	75.60	Cu.mt.	Construction of Granular Sub Base by providing coarse graded machine crushed B. T. material satisfying MOST Specification of Grading - I using 53 mm to 26.5 mm @ 30% (M.C. Metal), 26.5 mm to 4.75 mm @ 60% (M.C.Metal), 2.36 mm below @ 10% (Stone Dust) 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 with C.B.R. > 30% etc. complete.	624.19	Cu.mt.	47188.76
9	2635.00	Cu.mt.	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.	702.00	Cu.mt.	1849770.00
10	16452.00	Sq.mt.	Providing and applying evenly Priming coat with emulsion asphalt at the rate of 7.50 Kg/ 10 Sq.m on road surface using emulsion SS-1 (Himcol Made) pressure spreayer etc. complete including the cost of asphalt	47.36	Sq.mt.	779166.72
11	2097.30	M.Ton	Providing and laying bituminous base course 37.5mm thick compacted in one layer with tack coat of asphalt Emulsion RS-1 at the rate of 2.5 Kg / 10 Sqmt. and using B.T. stone aggregate or required gradation and asphalt (VG-30) grade for mixing @ 1.99 % by weight of total mix for mixing including heating the aggregate and asphalt by drum mix plant and spreading the same by paver finisher and consolidation with vibratory roller including providing all materials, equipments, tools and plants, oil, kerosene, fire wood, labour chrges etc. complete.	2201.30	M.Ton	4616786.49

1	2		3		6	7
12	1468.20	M.Ton	Providing laying & rolling of 25 mm thick Open graded Premix bituminous carpet with B.T. aggregate as specified and using RS1 Emulsion for tack coat at the rate of 2.5 kg/10 sq.mt. and using bitumen grade VG-30 for Mixing with aggregate at the rate of 3.36 % i.e. 33.60 kg / M.T. of total mix including heating and mixing in drum mix plant transporting and spreading the same with paver finisher and consolidation with vibratory roller including necessary fire wood , oil , lubricant , labour charges etc. using contractor's own drum mix plant and equipment ,tool etc .complete in accordance with the requirement of	3003.79	M.Ton	4410164.48
13	1006.70	M.Ton	Providing and laying seal coat with B.T. aggregate as specified using aggregate at the rate of 0.24 Cu.mt./10 Sq. mt. and bitumen grade VG-30 for mixing with aggregate at the rate of 4.5 % i.e. 45.00 Kg. / M.T. of total mix including heating and mixing in drum mix plant and transporting and spreading the same by paver finisher and consolidation with vibratory roller including necessary fire wood , oil , lubricant , labour charges using contractor's own drum mix plant, machineries and equipment tools etc. complete in accordance with the requirement of specification .	3324.82	M.Ton	3347096.29
14	27964.00	Sq.mt.	Providing and laying asphalt painting on B.T. surface with bitumen VG-30 at rate 5.00Kg / 10Sq.mt. including spreading stone dust for painting surface at rate of 0.03 cu.mt. / 10 sq.mt.	34.47	Sq.mt.	963919.08
16	27.00	No.	Providing and fixing Hectometer stone as per I.R.C. type design including lettering and painting etc. complete. (ii) Fixing in C.C. 1:5:10	356.50	No.	9625.50

1	2	3	6	7
17	2.00	No. Informatory sings: 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 reflective 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)..	3856.90	No. 7713.80
18	6.00	No. MMGSY Logo Board:- Providing and fixing MMGSY 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, reflctorized 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)Engineering grade.	4545.00	No. 27270.00

1	2		3		6	7
19	6.00	No.	Village name/ Bump Ahead sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 60cms. rectangle as as per the design of IRC-67-1977 pre treated with phospheting process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; Letters and numerals should be as per IRC-30-1968, 3.1m long (2 nos) stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5mm painted with best quality epoxy coatings in black and white bends. the details of symbol or inscription / numerals for each board shall be as per the instruction of engineer in charge. The fixing at site shall be in 1:2:4 CC block of size 45 x 45 x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	5045.36	No.	30272.16
20	2117.70	Sq.mt.	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 excludingof surface applied glass beds as per IRC:35- 2015. The finished surface to be level, uniform and free from streaks and holes. zebra patta /bump patta lane/center line/ edge line/cut patta. The white color marking should provide liminance coefficin et on cemend road shalll be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service lifeduring 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.	367.72	Sq.mt.	778720.64
21	804.80	Cu.Mt	Excavation for foundation up to 1.5m depth including sorting out and stacking of useful material and disposing off the excavated stuff as directed by Engineer in charge with all lead and lift in (2) Dense or hard Soil.	248.16	Cu.Mt	199719.17
22	79.10	Cu.Mt	Providing & filling in foundation with ordinary cement concrete M 100 mix and providing necessary vertical pin headers including formwork vibrating ramming & curing complete.	3240.34	Cu.Mt	256310.89

1	2		3		6	7
23	509.50	Cu.Mt	Providing & filling in foundation with ordinary cement concrete M 150 mix and providing necessary vertical pin headers including formwork vibrating ramming & curing complete.	3610.39	Cu.Mt	1839493.71
24	67.50	Rmt	Supplying fixing & joining reinforced concret heavy duty non pressure pipe carrying indian railway standard with collars for culverts carring heavy traffic as per Indian railway standard specification including setting and joining the pipe in cement mortar 1:2 watering or laying (to level and slope )of I.S.class NP-3	3446.50	Rmt	232638.75
25	90.00	No.	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	349.11	No.	31419.90
26	9.00	No.	Providing and fixing 20cm x 15cm x 2.5cm thick year plate of marble stone set in C.M. 1:4 including Finishing and engraving letters, etc. complete	279.69	No.	2517.21
27	336.78	Sq.mt.	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.	12.41	Sq.mt.	4179.44
28	114.00	Sq.mt.	Providing and laying - Fitter Media 600mm thick directed at the back of abutments, returns and wing walls as per detailed specifications	1248.74	Sq.mt.	142356.36
29	1.60	M.T.	Providing and fixing in position ISI mark TMT (Fe-500) bar for temperature reinforcement for mass concrete pier/abutment returns including cutting bending and tying as required complete	73217.53	M.T.	117148.05
30	114.00	No	Providing weep holes in abutment, returns using 100 mm. dia A.C. pipe with C.I. grating including cutting, placing the pipe in required slope and position as directed etc. complete. (As per detailed specification)	84.95	No	9684.30
31	104.00	Cu.Mt.	Earth work for embankment including breaking clods dressing with all lead & lifts and including watering rolling and consolidation of sub grade in layers of O.M.C. to required dry density including filling in depressions which occure during the process using vibratory roller 80 to 100 KN (E) From borrow area within 3.00 Km Lead Having C.B.R. More than 5.00%	152.51	Cu.Mt.	15861.04

1	2	3	6	7
32	461.30	Cu.Mt. Providing & making Gabion structure with Mechanically Woven Double Twisted Hexagonal Shaped Wire mesh Gabion Boxes as per IS 16014 : 2012, MORTH Clause 2500, of required size, Mesh Type 10 X 12 (0 = 100 mm with tolerance of $\pm 2\%$ ) G.I., Mesh wire diameter 3.0 mm, mechanically edged / selvedged with partitions at every 1m interval and shall have minimum 10 numbers of openings per meter of mesh perpendicular to twist, tying with lacing wire of diameter 2.2mm, supplied @ 3% by weight of Gabion boxes, filled with boulders with least dimension of 200 mm, as per drawing, all complete as per direction of Engineer-in-charge. Details cost of one Gabion box / Crates of size 2.00m X 1.00m X 1.00m = 2.00 cum	2820.73	Cu.Mt. 1301202.75
				24421051.66

Rs. Two Corer Fourty Four Lack Twenty One Thousand Fifty One and Paise Sixty Six Only.

I/We am/are willing to carry out the work at \_\_\_\_\_ % above/below ( percent should be written in figures and in words ) of the estimated rates mentioned above. Amount of my/our tender

*Estimated amount		*Estimated amount	
put to tender	Rs. _____	put to tender	Rs. _____
Deduct ____ % below	Rs. _____	Add ____ % above	Rs. _____
Net	Rs. _____	Total	Rs. _____
In words _____		In words _____	

\*( Please strike out which ever is not applicable )

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.

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

Note 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.

Signature of Bidder

Executive Engineer  
Panchayat (R&B) Division  
Valsad