

Name of work:

**New Gujarat Pattern Yojana 2025-26 (3054 Road & Building)
Construction Of Pindval Savaf Faliya Main Road To Savar Faliya Towards
Road (NP) km 0/0 To 0/350 Tal. Dharampur. Dist. Valsad**

SCHEDULE - B

Memorandum showing items of works to be carried out

It. No.	Quantities estimated but may be more or		Item of work	Estimated	Unit	Total Amount according to estimated
				In figures Rs. Ps.		
1	2		3	4	5	6
1	0.11	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.	3653.61
2	315.00	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.	32772.60
3	22.50	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	43920.00
4	483.57	Cu.mt.	Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering rolling and consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occur during the process using power roller 8T to 10T.(E) From Borrow area within 3.0KM.	169.44	Cu.mt.	81936.10
5	42.00	Cu.mt.	Supplying, Stacking and Spreading the Hard Murrum including rolling and watering etc. Complete.	706.70	Cu.mt.	29681.40
6	178.00	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	676.93	cu.mt.	120493.54

1	2		3	4	5	6
7	167.00	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.	723.01	Cu.mt.	120742.67
8	235.00	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	803.92	Cu.mt.	188921.20
9	1463.00	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	41.30	Sq.mt.	60421.90
10	120.70	M.Ton	Providing & laying 37.50 mm. thick compacted Bituminous Macadam with using Emulsion RS1 for tack coat at 2.5 Kg / 10 Sq.Mt. using stone aggregate as per gradation and aspahlt grade VG-30 at 3.40 % by weight of total mix hot laid process with drum mix plant including consolidation with vibrating roller including operating plant and machinery cost of asphalt, fuel, oil, lubricant and labour charges etc. complete.	2554.98	M.Ton	308386.09
11	84.10	M.Ton	Providing & laying 25 mm. thick SDBC using B.T. stone chips as per MORTH gradation and specification with asphalt VG-30 at the rate of 50.00 kg. / M.Tone of total wt. for mix i.e. (5.00 %) by weight of total mix of bitumen including mixing aggregates & asphalt by continuous batching drum mix plant & spreading the same by paver finisher including rolling & consolidation with 10 - 12 tonnes vibratory roller & providing tools 7 plants, fire wood, oil, kerosene, labour charges using contractor's own machineries etc. complete.	3098.98	M.Ton	260624.22
12	1462.50	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.	29.83	Sq.mt.	43626.38

1	2		3	4	5	6
13	1.00	No.	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 lettering and painting etc. complete. (For O.D.R. & V.R.)	704.33	No.	704.33
14	1.00	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.	356.50
15	1.00	No.	Informatory signs: Providing and fixing sign boards made out of 2mm aluminium sheet; size 80 x 60cms. rectangle as per the design of IRC-67-1977 pre treated with phosphating process & acid etching; coated with one coat of epoxy primer and two coats of best quality epoxy paint; reflectorised with retro reflective sheeting as per latest M.O.S.T. Specifications; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 75x75x6mm as required; painted with best quality epoxy coatings in black and white bands. 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)..	3856.90	No.	3856.90
16	1.00	No.	TASP/VKY Logo Board:- Providing and fixing TASP/VKY Logo Board made out of 2mm aluminium sheet, as per the drawing & design. Pre treated with phosphating 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 bands. 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.	4545.00

1	2	3	4	5	6
17	1.00	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.	5045.36
18	23.10	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.	8494.33
					1318182.12

Rs. Thirteen Lack Eightteen Thousand One Hundred Eighty Two and Paise Twelve 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 works

*Estimated amount

put to tender

Rs. _____

Deduct _____ % below

Rs. _____

Net

Rs. _____

In words _____

*Estimated amount

put to tender

Rs. _____

Add _____ % above

Rs. _____

Total

Rs. _____

In words _____

1	2	3	4	5	6
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*(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