

Name of Work:- Mukhya Mantri Adimjuth Utkarsh Yojna 2025-26 Const. of Molaamba Village Patel faliya tanka faliya to Smashan road Ch 0/0 to 1/200 Ta,Vansda Dist.Navdari.

**:: BILL OF QUANTITY. '::**

**Percentage Rate Tender**

It. No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate In Figures	Amount
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(D) By mechanical means in area of thorny jungle	0.48	Hect	34889.38	16746.90
2	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.	821.00	Cum.	106.81	87691.01
3	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.(v) 600mm dia.	15.00	rmt	1968.38	29525.70
4	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. lead	1275.00	Cum.	173.67	221429.25
5	Supplying, Stacking, Spreading & rolling of Hard Murrum on road side for hard side shoulder of work as per specification including filling the mesure boxes of standard size etc. complete.	144.00	Cum.	684.58	98579.52
6	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	800.00	Cum.	858.16	686528.00
7	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.	509.00	Cum.	905.78	461042.02

8	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	728.00	Cum.	985.97	717786.16
9	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	4611.00	Sqmt	65.36	301374.96
10	Providing and laying bituminous base course 37.5mm thick compacted in one layer with tack coat of Emulsion RS1 at the rate of 2.50 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.	345.80	MT	2332.12	806447.10
11	Providing & laying 50 mm. thick compacted Bituminous Macadam with using RS1 Emulsion for tack coat at 2.50 Kg / 10 Sq.Mt. using stone aggregate as per gradation and asphalt 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.	507.20	MT	2903.78	1472797.22
12	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.	265.10	MT	3537.11	937687.86
13	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.	4611.00	Sqmt	33.08	152531.88
14	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.R and V.R.)	2.00	Nos.	704.33	1408.66
15	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	5.00	Nos.	356.50	1782.50

16	<p>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 &amp; 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)...</p>	1.00	Nos.	3856.90	3856.90
17	<p>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 &amp; 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)...</p>	2.00	Nos.	5045.36	10090.72

18	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 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 x5mm 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)...	2.00	Nos.	14831.71	29663.42
					6036969.780
					6036969.780

I / Weam / are willing to carryout 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

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

Net Rs. ....

In words .....

\*Estimated amount put to tender

Add .....% Above

Total Rs. ....

In words .....

\*( please strike out whichever is not applicable)

- 1 The Contractor shall exhibition board with detailed specification and details of works directed hv the Engineer – In – Charge for which no extra payment shall hemade
- 2 The labourcess 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 the reisa 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.

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

Executive Engineer  
Panchayat (R & B) Division  
Navsari

Signature of the contractor