

(MMGSY 2025-26 - Vanbandhu Kalyan Yojana-2)

**Name of work :- Construction of Slab Drain on Various Road of Pardi Taluka. (2 - Slab Drain)
Pkg-15 (1.) Baldha Baavri Falia to Sukhlav Road Ch 1/10 to 1/30 Ta.Pardi, Dist.Valsad. (2.)
Construction of Slab Drain on Kumbhariya Makda Faliya to Sukhlav Road Ch 0/4 to 0/60
Ta.Pardi, Dist.Valsad.)**

:: BILL OF QUATITES ::

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	95.00	Providing temporary all weather diversion suitable for double lane traffic during the construction period of box culvert including providing earthwork for embankment/Cutting as per site requirement, providing RCC pipes of suitable diameter in required row to drain water, supplying, spreading and compacting 200 mm thick GSB grade I & 200 mm thick GSB grade II & 20 mm thick MSS with priming coat & tack coat in 3.75 mt. carriageway with providing all safety measures including red lamps/ signals at night for traffic and maintaining the diversion in condition till completion of work etc.complete as directed.	4977.28	Rmt	472841.60
2	587.00	Dismantling the existing structure including removing and stacking the dismantelled materials as and where directed. R.C.C. work	909.91	Cu.mt	534117.17
3	8.00	Diversion of water course providing cofferdam and bund or island as may be necessary for the period as may be necessary .	50500.00	Nos	404000.00
4	147.00	Excavation for foundation in sand gravel clay,soft soil and murrum etc, including shoring, strutting and dewatering as necessary and disposing of the excavated stuff as directed. (A)Depth upto 3.00 m	501.09	Cu.mt	73660.23
5	1321.00	Excavation for foundation in hard murrum and blouders and very stiff or sticky clays and other similar strata including shorting strutting and dewatering as necessary and disposing of the excavated stuff as directed	598.12	Cu.mt	790116.52
6	341.00	Excavation in large boulders and soft rock by wedging including shorting strutting and dewatering as necessary and disposing of the excavated stuff as directed.	600.53	Cu.mt	204780.73

7	270.00	Excavation in hard rock by wet blasting and chiselling including dewatering preparing foundation base by proper benching and stepping and disposing of the excavated stuff as directed (B) Blasting Prohibited	1640.07	Cu.mt	442818.90
8	498.90	Providing & filling in foundation with ordinary cement concrete M 150 mix & providing necessary vertical pin headers including formwork, vibrating ramming and curing complete.	3610.75	Cu.mt	1801403.18
9	72.00	Providing & fixing in position mild steel dowel bars of minimum 32mm dia.for anchoring drailling holes in foundation strata including necessary bending,hooking of dowel bars and grouting the holes complete as per detailed drawing and as directed.	448.27	Rmt	32275.44
10	19.00	Providing flood guage marks on substructure as per design including painting complete.	159.08	Rmt	3022.52
11	2273.00	Providing & casting in situ ordinary cement concrete M-250 mix and providing necessary pin headers including shuttring , scaffolding, laying , vibrating , curring and finishing comp.without V- Grooves.(A) Height from 0.0 mt to 5.0 mt.	4289.17	Cu.mt	9749283.41
12	36.27	Providing and laying in position FE 500/500D bar reinforment for following items including cutting, bending, hookin and tying as per detailed drawing for the following.(A) Piers (B) Abutments (C) R.C.C. Return	73217.53	M.T	2655599.81
13	24.00	Providing & fixing in position mild steel do- wel bars in pile caps or abtument caps for anchorage in fixed end as per detailed drawing including cutting bending and welding complete.	339.88	Nos	8157.12
14	12.00	Providing & fixing in position mild steel do- wel bars in pier caps or abtument caps for anchorage in free end as per detailed drawing including cutting bending and welding complete.	396.27	Nos	4755.24
15	58.00	Providing & casting in situ Controlled cement concrete M-300 for RCC works in pier caps,abtument caps and dirt wall including controlled cement conceret M-350 bed block or pedestals of required size below as per detailed drawings centering , shuttring , scaffolding, wherever , necessary laying , vibrating , curring and finishing comp	5408.28	Cu.mt	313680.24
16	184.00	Providing & laying weep hole in abutment & returns by using AC pipe 100mm diameter with laying in proper grade & joining etc.comp. As per detailed specification	84.95	Nos	15630.80
17	346.60	Providing & casting in situ Controlled cement concrete M-300 for RCC solid slab including centering , scaffolding, curring and finishing comp.	5468.43	Cu.mt	1895357.84

18	24.26	Providing & placing in position FE 500/500D bar reinforcement including cutting , bending, hooking & tying complete as per detailed drawing for (a) Solid slab.	72601.86	M.T	1761321.12
19	60.00	Providing & casting in situ Controlled cement concrete M-300 for average 75mm thick wearing coat laid as directed including temping, vibrating, finishing curing, and filling in joints with bitumen comp.	5438.52	Cu.mt	326311.20
20	2101.00	Supplying, stacking & spreading Hard murrum on road side for filling in approaches of work as per specification including rolling, watering & consolidation complete.	373.16	Cu.mt	784009.16
21	29.40	Providing & casting in situ Controlled cement concrete M-300 for approach slabs including form work curing, and finishing etc. comp.	4757.77	Cu.mt	139878.44
22	5.50	Providing & placing in position FE500/500D including cutting , bending, hooking & tying complete as per detailed drawing for the following. (A) Abutment cap & Dirt wall (B) Pier cap	73217.53	M.T	402696.42
23	7.44	Providing & placing in position FE500/500D including cutting , bending, hooking & tying complete as per detailed drawing for the following. (C) R.C.C. Approach slab (D) Wearing coat	72601.86	M.T	540157.84
24	48.00	Providing 12mm thick premouled asphalt filler joints as per drawing.	702.12	Sq.mt	33701.76
25	144.00	Providing and laying filter media 600 mm thick as directed at back of abutment returns as per detailed specification.	1248.74	Sq.mt	179818.56
26	206.00	Providing and filling sand behind abutments and between returns in layers as directed.	480.41	Cu.mt	98964.46
27	0.04	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	1135.72
28	1362.05	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 with all lead	169.44	Cu.mt	230785.75

29	202.00	Consructing 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.	653.47	Cu.mt	132000.94
30	192.00	Providing and laying wet mix macadam base course thick 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 aschieve the desired density including cost of material labour plant and equipment etc. complete.	718.11	Cu.mt	137877.12
31	1210.00	Providing and applying priming coat with emulsion (SS-1) at the rate of 7.50 kg/ 10 Sq.mt. including cost of asphalt and preparing the surface heating, and applying etc. complete.	64.64	Sq.mt	78214.40
32	30.00	Supplying, fixing & joining reinforced concrete heavy duty non pressure pipe with colars for culverts carryig 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	58560.00
33	134.00	Providing & laying 50.00 mm thick bituminous macadam with 0.66 cum stone chips for one M.T. using the asphalt VG-30 34 kg/M.T. (i.e 3.40%) for mixing and RS-1 for tack coat 2.5 kg/10sqmt heating the asphalt and agg by continues batching of hot mix plant & spreading the same by pavers finisher and consolidation with power roller of 80 to 100 KN with necessary equipment, oil, kerosene, fire, wood, labour charges etc. complete with contractor's own machinery.	3774.37	M.T	505765.58
34	57.00	Providing & laying mix seal surfacing 20mm thick on previously laid bituminous base course surface as wearing course with specified graded machine crushed agg. Premixed with bituminous binder at 2.50 Kg/10Sq.mt. for tack coat &for mixing 51 kg/MT in a hot mix plant, transporting the mixed material by tripper and laying with pavers finisher to the road surface level and rolling with power roller of 80 to 100 KN including cost of carrying of materials.	4873.55	M.T	277792.35

35	66.00	Road Marking with hot applied thermoplastic compound with reflectorising glass beads on bituminous surface. Providing & laying hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms. per sq.mt. area thickness of 2.5 mm is exclusive of surface applied glass as per I.R.C. 35 The finished surface to be level, uniform & free from streaks & holes.	367.72	Sq.mt	24269.52
36	50.00	Supplying and fixing cat eye (Stimsonite) made out from Acrilo beaultile sterine injuction high compressed molding with reflector made of MMC (prismatic type of size 12cm x 6cm x 2.5cm) provided with bituminous adhesive 100g. with each unit for fixing. (High Intensity grade)	375.72	Nos	18786.00
37	4.00	Cautionary Warning Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90 x 90 cms. equilateral triangle as per 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 reflectivesheeting as per latest M.O.S.T.Specifications; 3.1m long stand postand frame fabricated from suitable sizeiron angle of 35 x 35 x 3mm, 75 x 75 x 6mm as required; painted with bestquality epoxy coatings in black andwhite bends. The details of symbol foreach board shall be as per theinstruction 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.(B) Engineer Grade	3808.66	Nos	15234.64
38	4.00	Hazard Marker Sign :-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 30cms. rectangle as as per the design/drawing attached (IRC) pretreated 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; 3.1m long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm & 50 x 50 x 5mm painted with best quality epoxy coatings The fixing at site shall be in 1:2:4 CC block of size 45x45x 60cms. for each leg. including excavation curing etc. complete under the supervision of engineer in charge.(B) Engineer Grade ...	2423.74	Nos	9694.96

39	4.00	STOP SIGN:-Providing and fixing sing boards made out of 2mm aluminium sheet; size 90 x 90cms. rectangle as per the design of IRC-67-1977 pre treated with phospheting process & acid teching; 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 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 60cms. for each leg. including excavation curing tec. complete under the supervision of engineer in charge.(A) Engineer Grade(VR)...	4676.06	Nos	18704.24
40	40.00	Providing and fixing 'W' type safety barrier using M.S. iron channel 150mm x 75m x 5mm size erected at 2.0 Mt. center to center and providing 'W' shaped galvanised steel sheet guard rail 3mm thick for crash barrier in single row as per detailed drawing with fabrication and installation charges including providing foundation block of size 0.60 x 0.60 x 0.75 Mt. in C.C. 1:2:4 and oil painting two coats with one coat of red oxide etc complete.	5040.91	Rmt	201636.40

41	4.00	Logo Board:- Providing and fixing 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 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	Nos	20200.00
Total Rs. :-					25399017.32
					-664426.00
Total Rs. :-					24734591.32
#NAME?					

Deputy Executive Er Executive Engineer
Panchayat (R & B) Sulinchayat (R&B) Division
Pardi Valsad.

I/we am/are/ willing to carry out the work at% below / Above
.....percent below / Above

(should be written in figures and words)

Tendered amount mentioned above amount of my / our tender works out as under.

Tendered Amour **25399017.32**

Tendered Am **25399017.32**

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

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

Net Amount Rs.....

Net Amount Rs.....

Net Amount in words in Rs.....

Special Note :-

Contractor Shall give only rebate in tendered amount mentioned above and contractor shall state " NIL" Percentage, if no reduction is offered.

Note :- 1 All works shall be carried out as public works department Handbook and other specification of Division or as directed.

પૃષ્ઠ નં- 1 ઉઠે એ ઉે ઠાે ઉ ાે આે ઠોવો ઠે ±૦ િા{પ્રી ઉી° આે િાઠો ઉેદુ

Note :- 2 All the columns in schedule should be filled in ink or ballpen and the total of the entries in last column should be struck by the contractor under his signature.

પૃષ્ઠ નં- 2 ±૦ઞિંિે ઉે ઉે આેપ્રી િાઠો ઞેિં િા ±૦ દોસાે આેપ્રી પૃષ્ઠપૃ

Note :- 3 Rate quoted include clearance of site (Prior commencement of work and at its in all respects and hold good for work under all conditions, site moisture, weather

પૃષ્ઠ નં- 3 દે આે ઠેુે, વાપ્રી (આેપ્રી ±૦ ઉે ±૦ ઠો વેય ઠો આે) ઠેુે ±૦ ઠો ઠેુે ઠેુે વા, ઉે, આેપ્રી આે ઠો આે આે

Note :- 4 To be continued on additional sheet, if found necessary.

પૃષ્ઠ નં- 4 દે દે દે દે આે ½ ઠે ઠે આે

[1] Amount of Dismantle Credit of Materials Rs. -664426 Should be recover fr