

Name of work : New Gujarat Pattern : 10% State Level Fund : 2025 - 2026
Construction of Amadhara to Chadiya Road (Sadakpore Mandli) Km.0/0 to 1/1
Taluka : Chikhli. District : Navsari.

:: S C H E D U L E : B ::

Memorandum showing items of work to be carried out

Item No.	Quantities estimated but may be more or less		Item of work	Estimated Rates		Unit	Total Amount according to estimated quantities
				In figure Rs. Ps.	In words		
1	2		3	4	5	6	7
1	0.55	Hect.	Clearing and Grubbing Road land including uprooting rank vegetation, grass brushes, shrubs, saplings and trees girth up to 300mm removal of stumps of trees cut earlier and disposal of unserviceable materials By mechanical means in area of All type of Jungle.	34889.38	Rupees Thirty Four Thousand Eight Hundred Eighty Nine and Paise Thirty Eight Only	Hect.	19189.16
2	750.00	Cu.mt.	Earth work 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 of cutting and top of spoil bank Earth to be deposited in side shoulders. [For Road side Gutter]	106.81	Rupees One Hundred Six and Paise Eighty One Only	Cu.mt.	80107.50
3	37.50	Rmt.	Supplying fixing & joining reinforced concret Heavy Duty Non Pressure Pipe carrying indian railway standard with collars for culverts carrying 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 600mm dia internal	1968.38	Rupees One Thousand Nine Hundred Sixty Eight and Paise Thirty Eight Only	Rmt.	73814.25
4	1158.00	Cu.mt.	Earthwork for Embankment for including breaking clods, dressing with all lead and lift including watering rolling & consolidation of subgrade in layers at O.M.C. to required dry density including filling the depression which occurs during the process using power roller 8T to 10T. From Borrow area with all lead and lift.	173.67	Rupees One Hundred Seventy Three and Paise Sixty Seven Only	Cu.mt.	201109.86
5	99.00	Cu.mt.	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.	684.58	Rupees Six Hundred Eighty Four and Paise Fifty Eight Only	Cu.mt.	67773.42

1	2		3	4	5	6	7
6	70.00	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.	835.26	Rupees Eight Hundred Thirty Five and Paise Twenty Six Only	Cu.mt.	58468.20
7	4210.00	Sq.mt.	Providing and applying evenly Priming Coat with Emulsion Asphalt at the rate of 7.50 Kg. / 10 Sq.mt. on road surface using Emulsion SS-1 (Hincol Made) pressure sprayer etc. complete including the cost of Asphalt.	72.03	Rupees Seventy Two and Paise Three Only	Sq.mt.	303246.30
8	315.80	M.Ton.	Providing, laying Bituminous Base Course 37.5 mm thick compacted in One layers with tack coat of Emulsion RS-1 at the rate of 2.5 Kg / 10 Sq.mt. and using B.T. stone aggregates of required gradation and asphalt (VG-30) grade for mixing @ 1.99 % by weight of total mix 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, equipment, tools and plants, oil, kerosene, fire wood, labour charges etc. complete.	2435.65	Rupees Two Thousand Four Hundred Thirty Five and Paise Sixty Five Only	M.Ton.	769178.27
9	221.00	M.Ton.	Providing & laying 25 mm thick Open Graded (compacted) Bituminous Carpet considering 0.66 Cu.mt. / 10 Sq.mt. stone chips for one M.Ton as per specification, using the asphalt at rate 33.60 Kg. / M.Ton (i.e. 3.36% by weight of Total Mix) for mixing and Emulsion RS-1 for tack coat at rate 2.5 Kg. / 10 Sq.mt. including heating and mixing the asphalt VG-30 grade and stone aggregates by continuous batching of hot / drum mix plant and transporting and spreading the same by paver finisher and consolidation with vibratory roller with necessary equipments oil, kerosene, fire wood, labour charges etc. complete with contractor's own machineries and equipment tools etc. complete in accordance with the requirement of specification.	3126.43	Rupees Three Thousand One Hundred Twenty Six and Paise Forty Three Only	M.Ton.	690941.03

1	2		3	4	5	6	7
10	113.70	M.Ton.	Providing and laying Seal Coat with B.T. aggregate as specified using aggregate at the rate of 0.18 Cum. / 10 Sqm. and bitumen VG - 30 grade 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 hot / drum mix plant and transporting and spreading the same by paver finisher and consolidation with vibratory roller including necessary firewood, oil, lubricants, labour charges using contractor's own hot / drum mix plant, machineries and equipment, tools etc. complete in accordance with the requirement of specification.	3383.32	Rupees Three Thousand Three Hundred Eighty Three and Paise Thirty Two Only	M.Ton.	384683.48
11	4210.00	Sq.mt.	Providing and laying Asphalt Painting on B.T. Surface with bitumen V.G. 30 at rate of 5 Kg. / 10 Sq.mt. including spreading stone dust on painting surface at the rate of 0.03 Cu.mt. / 10 Sq.mt.	34.95	Rupees Thirty Four and Paise Ninety Five Only	Sq.mt.	147139.50
12	3.00	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.	704.33	Rupees Seven Hundred Four and Paise Thirty Three Only	No.	2112.99
13	5.00	No.	Providing and fixing Hectometer Stone as per I.R.C. type design including lettering and painting etc. complete. (I) Fixing in C.C. 1:5:10	356.50	Rupees Three Hundred Fifty Six and Paise Fifty Only	No.	1782.50
14	1.00	No.	Informatory signs: Providing and erecting informatory retro-reflectorised board as per IRC-67 made of engineering grade sheeting as per specification fixed over aluminium sheeting two mm thick as logo board with vertical support of M.S. angle and 35 mm x 35 mm x 5 mm and lateral clearance of 100 mm between logo and iformatory board and two mm thick M.S. plate as information board with area exceeding 0.9 sqm fixed on frame of an angle 35 x 35 x 5 mm and supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm : 2 Nos firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm below ground level as per drawing including painting and installation at site. [B] Engineering Grade.	3856.90	Rupees Three Thousand Eight Hundred Fifty Six and Paise Ninety Only	No.	3856.90

1	2		3	4	5	6	7
15	2.00	No.	Village name / Bump Ahead Sign: Providing & Fixing sign boards made out of 2 mm aluminium sheet size 90 x 60 cms. Rectangle as per the desing of IRC - 67 - 1977 per trected with phospheting process & acid etching coated with one of epoxy primer and two coats of best quality epoxy: reflectorised with tetro reflective sheeting as per latest M.O.S.T. Specification: Letters and numerals sdhould be as per IRC - 30 - 1968, 3 1 m long (2 Nos.) Stand post and frame fabricated from suitable size iron angle of 50 x 50 x 5 mm painted with best quality epoxy coating in black and white bends. The details of symbol or incription / numerals for each boards shall be as per instruction of engineer inchage. The fixing at site shall be in 1.2.4 CC block of size 45 x 45 x 60 cms for each leg. including excavartion curing etc. completed under the supervision of engineer in chage. (A) Engineer Grade.	5045.36	Rupees Five Thousand Forty Five and Paise Thirty Six Only	No.	10090.72
16	2.00	No.	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 x 5mm 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.(B)Engineering grade.	14831.71	Rupees Fourteen Thousand Eight Hundred Thirty One and Paise Seventy One Only	No.	29663.42

1	2		3	4	5	6	7
17	4.00	No.	Cautionary Warning Sign for Bump / Curve : Providing and fixing sing boards made out of 2mm aluminum 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 ; refectories 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, 75 x 75 x 6mm 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) Enginee Grade.	3808.66	Rupees Three Thousand Eight Hundred Eight and Paise Sixty Six Only	No.	15234.64
18	21.00	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 excluding of 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 coefficinnet on cemend road shalll be min 130 mcd/m2/lux and Asphalt road shall be min 100 mcd/m2/lux during the service life during 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	Rupees Three Hundred Sixty Seven and Paise Seventy Two Only	Sq.mt.	7722.12
19	1.00	No.	Regulatory/ Mandatory Sign: SPEED LIMIT Providing and fixing sing boards made out of 2mm aluminium sheet; size 60cms. diameter circle as per the design of IRC-67-1977 pre treated with phospheting process & acid eteching; 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 etc. complete under the supervision of engineer in charge. (A) Engineer Grade.	3439.81	Rupees Three Thousand Four Hundred Thirty Nine and Paise Eighty One Only	No.	3439.81

1	2	3	4	5	6	7
20	1.00	No.	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.	4676.06	Rupees Four Thousand Six Hundred Seventy Six and Paise Six Only	No. 4676.06
			Total...			2874230.13

Rupees Sixteen Lakhs Fifty One Thousand One Hundred Fifty Nine and Paise Forty Six Only

**Deputy Executive Engineer,
Panchayat (R & B) Sub Division,
Chikhli.**

**Executive Engineer,
Panchayat (R & B) Division,
Navsari.**

I / we am / are willing to carry out the work at _____ % Above / Below percent (Should be writing in figures & words) of the Estimated Rates mentioned above. Amount of my / our Tender works out as under :

* Estimated Amount

Put to Tender Rs. 1651159.46

Deduct _____ % Below Rs. _____

Net Rs. _____

In Words _____

* Estimated Amount

Put to Tender Rs. 1651159.46

Add _____ % Above Rs. _____

Total Rs. _____

In Words _____

ote 1. All works shall be carried out as per Public Works Department Handbook and other specifications of the Division or as directed.

નોંધ ૧. બધું જ કામ બાંધકામ વિભાગની પુસ્તિકા અને ડિવિઝનની ખાસ વિગત મુજબ અથવા સૂચના પ્રમાણે કરી આપવાનું રહેશે.

ote 2. All the columns is Schedule should be filled in ink and the total of the entries in the last column should be struck by the contractor under his signature.

નોંધ ૨. અનુસૂચિમાં બધા ખાનાની વિગતો સહીથી ભરવી અને છેલ્લા આનાની નોંધનો સરવાળો કરી કોટ્ટાકટરે પોતાની સહી કરવી.

ote 3. Rates quoted include clearance of site (Prior commencement of work and at its close) in all respects and hold good for work under all conditions, site moisture, weather etc.

નોંધ ૩. ટાંકેલા દરમાં સ્થળની (કામનાં આરંભે અને પુરું થાય તે વખતે) દરેક સાફસૂફી કરવાનો સમાવેશ થાય છે, અને તે દર તમામ પરિસ્થિતિ, સ્થળ, ભેજ, હવામાન વગેરે હેઠળ કામ માટે અમલમાં રહેશે.

ote 4. To be continued on additional sheets, If found necessary.

નોંધ ૪. જરૂર જણાય વધારાના કાગળો જોડી ચાલુ રાખવું.

Signature of the Contractor

કોન્ટ્રાક્ટરની સહી :

Signature of the Executive Engineer

કાર્યપાલક ઈજનેરની સહી :