

Name of Work :- Annual rates for various roads of Kodinar Taluka Dist : Gir Somnath

SCHEDULE B

Item No.	Item Description	Unit	Rate With 1 % LC
1	Supplying and stacking of graded crushed stone aggregate of following sizes (for W.B.M. Road) stone aggregate 40 mm to 63 mm size.	Cmt	
	(A) on Quarry		463.87
	(B) 0-5 KM		555.66
	(C) 5-10 KM		597.78
	(D) 10-15 KM		630.2
	(E) 15-25 KM		691
	(F) 25-50 KM		856.09
2	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(v) 12mm	Cmt	
	(A) on Quarry		635.65
	(B) 0-5 KM		718.27
	(C) 5-10 KM		756.19
	(D) 10-15 KM		785.33
	(E) 15-25 KM		840.07
	(F) 25-50 KM		988.69
3	Supplying of crushed stone aggregates, chippings etc. of hard stone of following nominal size free of disintegrated pieces deleterious and oraganic mater (for Bitumen surface dressing etc.) and grading as per I.R.C. Code.(vii) 6mm	Cmt	
	(A) on Quarry		433.8
	(B) 0-5 KM		516.41
	(C) 5-10 KM		554.34
	(D) 10-15 KM		583.48
	(E) 15-25 KM		638.22
	(F) 25-50 KM		786.84
4	Supplying of screened cleaned pea (rounded) gravel of following sizes)(B) Supplying of unscreened gravel	Cmt	
	(A) on Quarry		199.49
	(B) 0-5 KM		291.27
	(C) 5-10 KM		333.39
	(D) 10-15 KM		365.81
	(E) 15-25 KM		426.61
	(F) 25-50 KM		591.7
5	Supplying of coarse clean sharp sand at site.	Cmt	
	(A) on Quarry		310.3
	(B) 0-5 KM		392.92
	(C) 5-10 KM		430.85
	(D) 10-15 KM		459.98
	(E) 15-25 KM		514.73
	(F) 25-50 KM		663.35

Item No.	Item Description	Unit	Rate With 1 % LC
6	(i) Supplying of murrum / binding materials	Cmt	
	(A) on Quarry		106.66
	(B) 0-5 KM		189.27
	(C) 5-10 KM		227.2
	(D) 10-15 KM		256.34
	(E) 15-25 KM		311.08
	(F) 25-50 KM		459.7
7	(ii) Supplying of hard murrum 50mm to 150mm size.	Cmt	
	(A) on Quarry		151.98
	(B) 0-5 KM		234.6
	(C) 5-10 KM		272.53
	(D) 10-15 KM		301.67
	(E) 15-25 KM		356.41
	(F) 25-50 KM		505.03
8	Supplying and stacking of quarry spall on site incl. loading	Cmt	
	(A) on Quarry		132.99
	(B) 0-5 KM		215.6
	(C) 5-10 KM		253.53
	(D) 10-15 KM		282.67
	(E) 15-25 KM		337.41
	(F) 25-50 KM		486.03
9	Supplying and stacking of black stone on site incl. loading	Cmt	
	(A) on Quarry		234.31
	(B) 0-5 KM		326.1
	(C) 5-10 KM		368.22
	(D) 10-15 KM		400.64
	(E) 15-25 KM		461.44
	(F) 25-50 KM		626.52
10	Earthwork for embankment including breaking clods, dressing with all lead and lift (excluding watering and consolidation)(A) From Borrow pits within land width	Cmt	
	(A) from borrow pit within land width		114.62
	(B) from borrow area within 0.5 km lead		162.25
	(C) from borrow area within 1 km lead		165.43
	(D) from borrow area within 2 km lead		171.49
	(E) from borrow area within 3 km lead		177.34
11	Rolling of earthwork in layers with power roller including filling in depressions which occur during the process. (more than 10 ton)	Cmt	13.42
12	Earthwork in cutting in all sorts of soil and soft murrum including conveying and spreading the stuff, embankment as and where directed within 200meters from the end of the cutting with all required lead and lift.	Cmt	140.52
13	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(i) Hard murrum.	Cmt	272.97
14	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(ii) Soft rock not requiring blasting.	Cmt	290.48
15	Earthwork in cutting including preparing the slope and camber and stacking or utilising the cutting stuff in bank as directed upto 200 Meters from the end of cutting with all lead and lift.(iii) Hard rock.	Cmt	610.7
16	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(ii) 40mm to 63mm size aggregates (H.B.)	Cmt	274.73

Item No.	Item Description	Unit	Rate With 1 % LC
17	Spreading the stone aggregate for rolling and W.B.M. including filling the interstices to required camber and gradient (excluding spreading of Blindage)(iv) Chipping varying from 6mm to 25mm size.	Cmt	274.73
18	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(i) Murrum	Cmt	162.22
19	Spreading blindage or road crust filling the gaps in metal and leveling to camber and gradient as directed.(ii) Sand	Cmt	162.22
20	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (incl. watering)(A) Earth work (layer not exceeding 200mm thickness)	Cmt	33.09
21	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (B) Granular sub base(Layer not exceeding 150mm thickness)	Cmt	31.51
22	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (C) Water bound Macadam (Layer not exceeding 100mm thickness)	Cmt	59.09
23	Rolling and consolidation using vibratory road roller 8 - 10 tonne capacity (D) Bituminous Macadam (Layer not exceeding 50mm thickness)	Cmt	20.5
24	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.	Sqm	43.58
25	Box cutting the road surface to proper slope and camber for makin a base for road work including removing the excavated stuff and depositing on the road side slope as directed upto 50 Mt. lead.	Cmt	215.62
26	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(A) By manual means in area of light jungle	Hectre	88268.17
27	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 (B) By manual in area of thorny jungle	Hectre	117691.48
28	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 (C) By mechanical means in area of light jungle	Hectre	28455.09
29	Pinting and lettering with enamel paint 3- coats etc complete.(i) Ordinary K.M. Stone for N.H. S.H. and M.D.R.	No.	205.29
30	Pinting and lettering with enamel paint 3- coats etc complete.(ii) Ordinary K.M. Stone for O.D.R. and V.R.	No.	158.37
31	Pinting and lettering with enamel paint 3- coats etc complete.(iv) Hectometer stone.	No.	52.79
32	Pinting and lettering with enamel paint 3- coats etc complete.(v) Road sign board.	No.	469.25
33	Pinting and lettering with enamel paint 3- coats etc complete.(vi) Village name board.	No.	469.25
34	Pinting and lettering with enamel paint 3- coats etc complete.(vii)Junction board.	No.	1466.4
35	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.	Smt	13.3
36	Providing and fixing ordinary Kilometer stone of approved hard stone as per I.R.C. type design in C.C. 1:4:8 including painting and lettering etc. complete (For O.D.Road,V.R.)	No.	853.31

Item No.	Item Description	Unit	Rate With 1 % LC
37	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 letter and paints etc. complete (For N.H., S.H. and M.D.R.)	No.	1293.39
38	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(i) Fixing in Earth	No.	116.08
39	Providing and fixing Hectometer as per I.R.C. type design including painting, lettering etc. complete.(ii) Fixing in C.C. 1:5:10	No.	356.5
40	Providing and fixing guard stone as per I.R.C. type design including white washing etc. complete.(i) Fixing in Earth	No.	106.39
41	Cleaning the road side by removing the trees which is falled down on road side during the cyclone or monsoon rain fall with all labour etc. complete. (upto 300 mm. dia)	No.	1212
42	Engaging the Tree Cutter for the the trees which is half falled down on road side during the cyclone or monsoon rain fall with all labour etc. complete. (Above 300 mm. dia) etc. complete.	Hr	1515
43	Supplying and stacking of Stone dust on site incl. loading	Cmt	
	(A) on Quarry		166.24
	(B) 0-5 KM		248.85
	(C) 5-10 KM		286.78
	(D) 10-15 KM		315.92
	(E) 15-25 KM		370.66
	(F) 25-50 KM		519.28
44	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 forNo. 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 No. leg.including excavation, curing etc.complete under the supervision of engineer in charge.(A) Engineer Grade.....	No.	3808.66
45	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil	Cmt	128.79
46	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil	Cmt	164.64
47	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum	Cmt	281.73
48	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting	Cmt	289.4
49	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock	Cmt	657.36
50	Providing and laying cement concrete 1:4:8 (1- Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	Cmt	2792.52

Item No.	Item Description	Unit	Rate With 1 % LC
51	Providing and filling in foundation with ordinary Cement concrete M-100 mix and providing necessary vertical pin headers including formwork, vibrating, ramming and curing complete. (more than 10 ton)	Cmt	3378.92
52	Providing & casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(A) Height from 0.0 M. to 5.0 M. (more than 10 ton)	Cmt	3954.99
53	Providing & casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(B) Height from 5.0 M. to 10.0 M. (upto 10 ton)	Cmt	4490.03
54	Providing & casting in situ ordinary cement concrete M-150 mix and providing necessary pin headers including shuttering, scaffolding, laying, vibrating, curing and finishing complete without V-Groves.(C) Height from 10.0 M. to 15.0 M. (upto 10 ton)	Cmt	4490.03
55	Providing and casting in situ ordinary cement concrete M-200 for average 75 mm thick wearing coat laid as directed including tamping ,vibrating, finishing, curing and filling in joints with bitumen complete. (more than 10 ton)	Cmt	4400.6
56	Providing and placing in position FE 415 TMT bar reinforcement including cutting, bending, hooking, and tying complete as per detailed drawing.(A) Solid Slab. (upto 10 ton)	MT	64071.68
57	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	Smt	152.58
58	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Smt	204.74
59	Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand)	Smt	262.48

Item No.	Item Description	Unit	Rate With 1 % LC
60	Extra over items 55 to 57 for finishing with a floating coat of neat cement slurry. (upto 10 ton)	Smt	53.03
61	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating No. disposed layer by ramming and watering.	Cmt	137.47
62	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.(i) 300mm dia. (more than 10 ton)	Rmt	
	(A) on Quarry		659.99
	(B) 0-5 KM		669.25
	(C) 5-10 KM		673.49
	(D) 10-15 KM		676.76
	(E) 15-25 KM		682.89
	(F) 25-50 KM		699.54
63	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. (upto 10 ton)	Rmt	
	(A) on Quarry		1968.38
	(B) 0-5 KM		2006.93
	(C) 5-10 KM		2024.62
	(D) 10-15 KM		2038.23
	(E) 15-25 KM		2063.78
	(F) 25-50 KM		2133.18
64	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.(iv) 750mm dia. (upto 10 ton)	Rmt	
	(A) on Quarry		2605.57
	(B) 0-5 KM		2644.12
	(C) 5-10 KM		2661.81
	(D) 10-15 KM		2675.42
	(E) 15-25 KM		2700.97
	(F) 25-50 KM		2770.37
65	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) 900mm dia. (upto 10 ton)	Rmt	
	(A) on Quarry		3469.26
	(B) 0-5 KM		3527.09
	(C) 5-10 KM		3553.62
	(D) 10-15 KM		3574.04
	(E) 15-25 KM		3612.36
	(F) 25-50 KM		3716.46

Item No.	Item Description	Unit	Rate With 1 % LC
66	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 diameters.(vii) 1200mm dia. (upto 10 ton)	Rmt	
	(A) on Quarry		5560.01
	(B) 0-5 KM		5617.84
	(C) 5-10 KM		5644.37
	(D) 10-15 KM		5664.79
	(E) 15-25 KM		5703.11
	(F) 25-50 KM		5807.21
67	Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete.	Cmt	652.69
68	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	Cmt	1133.89
69	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	Cmt	589.7
70	Demolition of terrace including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering.	Smt	68.43
71	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing.	Smt	51.45
72	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Smt. in area.	No	201.23
73	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Smt. in area.	No	269.48
74	Loading and unloading the debris and manure etc. in contractor's own tractor and disposing off the same as directed.	Hr	1212
75	Supplying of potable water in own tanker on road site or helipad site as directed.	NO.	909
76	Chhakda Rikshow (with diesel & driver)	Hr	404
77	Tractor on hire charges with trailer, diesel, driver, necessary equipment.	Hr	909
78	Engaging tractor for side borms cutting and dressing as directed including cost of driver, diesel, necessary cutting and dressign equipment etc. complete as directed	Hr	1212
79	Providing loader machine on hire charges with operator, diesel, oil for loading / unloading work on site as directed.	Hr	1010
80	Engaging the JCB for the different type of work on road side with machineries, oil, fuel, driver etc. complete.	Hr	909
81	Engaging the Brakers for the different type of Rock Excavation work on road side with machineries, oil, fuel, driver etc. complete.	Hr	1111
82	Providing excavator on hire bases for excavation loading etc. type of work on road site operation, diesel, oil. (L&T type capacity) as directed.	Hr	1212
83	Truck, Dumper (With diesel & driver)	Hr	1111
84	Providing on hire bases mechanical crain of 3.00 MT weight lifting capacity on stated road site including necessary fuel, oil, grease and driver / operator for carry out work as directed (including crane)	Hr	2020

Item No.	Item Description	Unit	Rate With 1 % LC
85	Providing heavy road roller (vibratory roller) of 8 to 10 MT wt. with heavy license driver / operator for rolling work of asphalt, earth work, metalling work with necessary fuel and oil as directed.	Hr	1515
86	Providing and laying in position FE 415 TMT bar reinforcement including cutting, bending, hooking and tying complete as per detailed drawings for the following.(A) Piers (B) Abutments (C) R.C.C. Returns (upto 10 ton)	MT	64687.35
87	Providing and fixing in position FE 415 TMT bar reinforcement including cutting, bending and tying complete as per detailed drawings. (A) R.C.C. Kerb. (B) R.C.C. Footpath.(C) R.C.C. Approach slab.(D) Wearing Coat. (upto 10 ton)	MT	64071.68
88	Providing and casting in situ ordinary cement concrete M-200 forKerbs/Kerb blocks including formwork, curing and finishing complete. (upto 10 ton)	Cmt	4400.6
89	Providing & laying weep hole in Abutments, and returns by using A.C. pipe of 100mm including laying in proper grede and jointing the completed as per detailed specification.	No	64.4
90	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete (more than 10 ton)	Cmt	496.77
91	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (more than 10 ton)	Cmt	307.41
92	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4-graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	Cmt	3842.91
93	Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2- coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (D) 75mm thick	Smt	848.75
94	Providing and laying cement concrete work 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and Reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete (more than 10 ton)	Cmt	4501.76
95	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	Cmt	6888.15
96	Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness	Cmt	6304.2
97	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular (more than 10 ton)	Cmt	4746.69
98	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional (more than 10 ton)	Cmt	4376.38
99	Extra for brick work in superstructure above plinth level upto floor two level (A) Modular	Cmt	282.31
100	Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional	Cmt	295.14

Item No.	Item Description	Unit	Rate With 1 % LC
101	(i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1- Cement : 4 -coarse sand) in foundation and plinth (A) Modular (more than 10 ton)	Smt	639.36
102	Extra for half brick masonry in superstructure above plinth level upto floor two level. (A) Modular	Smt	52.07
103	(ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete (more than 10 ton)	Cmt	2641.38
104	Extra over Item 7.6 for super structure above plinth level upto floor two level	Cmt	392.29
105	Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete. (more than 10 ton)	Cmt	3489.87
106	White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete. (more than 10 ton)	Cmt	6698.05
107	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. (upto 10 ton)	Kg	111.29
108	Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like. (upto 10 ton)	Quintal	5889.5
109	Filling around the pipes with murrum including dressing, tampering etc. complete.	Cmt	90.12
110	Providing and laying of Hot applied Thermoplastic compound 2.5 mm thick including Reflectorising Glass Beads @ 250 gms per Smt area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC : 35 & finished surface to be level, uniform and free from streaks and holes. (As per Government letter No.SOR 102003/94/S-1/ Dated.20-7-2004)	Smt	367.72
111	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 No. unit for fixing. (High Intensity grade)	No	375.72
112	Providing parapet of ordinary cement concrete M-150 as per detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (ii) Cast in situ. (upto 10 ton)	Rmt	1024.18
113	Providing parapet of controlled cement concrete M-150 as per detailed detailed drawings with necessary reinforcement including, shuttering, laying vibrating and finishing to line and level complete. (i) Precast. (upto 10 ton)	Rmt	1193.4
114	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete. (more than 10 ton)	Rmt	1214.68
115	Granual sub-base with well graded black trap crushed stone materials (Table400.1) by mix in place method construction of granujal sub-base by providing well graded materials, spreading in rotavatorat OMC, and compacting with smooth whell roller to achive the desired density complete as per technical specification clause 401 for grading I Material	Cum	985.56

Item No.	Item Description	Unit	Rate With 1 % LC
116	Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam (WMM) specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed material by tripper 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.	Cum	1442.08
117	Providing temporary Diversion suitable for traffic during the construction period of the Bridge/ CD work by Levelling Existing Ground and Supplying and Spreading quarry spall in layer etc Complete.	Rmt	2095.75
118	Providing and fixing 'W' metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail 70 cm above road/ground level fixed on ISMC channel vertical post 150mm x 75mm x 5mm size erected at 2.0 Mt. center to center, 1.65 m high, incl. all fitting, foundation, bolts as per specification	Rmt	3263.31
119	Providing, Laying, Spreading and Compacting Stone Aggregate of 63 to 45 mm Size To Water Bound Macadam Specification including Spreading in Uniform Thickness Hand Packing, Rolling with Smooth Wheel Roller 80-100 KN in Stages to Proper Grade and Camber, applying and Brooming, Stone Screening/Binding Material To Fill up the Interstices of Coarse Aggregate, Watering and Compacting to The Required Density Grading-II as per Technical Specification Clause 405.	One Cum	1873.24
120	Providing and Laying bitumeneous grout in one Layers using Bitumen VG 30 Tack Coat at the Rate of 2.50 kg./per 10 Smt. on BT Surface (As per IRC - 16) with Spreading stone Aggregate at the Rate of 0.50 cum / 10 sqm. and spraying bitumen at the rate of 15 Kg/10 sqm for first Layer and spreading 0.13 cum /10 sqm. of Key aggregate on Top accordance with the requirement of Specification including Cost of Stone Aggregate, Bitumen, Necessary Firewood oil,, Lubricants, Labour charges, Machineries, tools etc. Complete. (RA)	One Sqm	224.42
121	Providing, Laying and rolling of 37.5 mm thick Compacted Bitumeneous Macadam (BM) in One Layer With B.T aggregates as specified and using Asphalt Grade VG 30 For Tack Coat at the Rate of 2.50 kg./per 10 Smt. on B.T. Surface (As per IRC-16) and using Asphalt of Grade VG 30 at the rate of 3.5 % i.e. 35.00 Kg/ MT by Weight of Mix including heating and Mixing, Transporting the Mix and Spraying the Same by Paver Finisher and Compaction as per MOST Specification including Cost of all materials, Fuel, Labours, tools and Plants etc. Complete.(RA)	One MT	4238.79
122	Providing and laying 25mm thick Semi dense bitumenous concrete using bitumen of VG-30 grade for mixing at the rate of 50.00Kg/ M.T. by weight of total mix (i.e. 5.00%) and mixing the aggregate and bitumen by continuous batching drum mix plant and spreading the same by paver finisher and consolidation by vibratory roller including cost of all materials, fuel, labours, tools and plants, using contractor's own machineries..	One MT	5144

Item No.	Item Description	Unit	Rate With 1 % LC
123	Providing and laying 25mm thick Semi dense bitumenous concrete using asphalt for tack coat at the rate of 2.50 Kg./10 Sq.M. on B.T. surface and black crshed stone aggregate and filler materials as per gradation of M.O.R.T. & H. specification including using bitumen of VG 30 grade for mixing at the rate of 50.00Kg/ M.T. by weight of total mix (i.e. 5.00%) and mixing the aggregate and bitumen by continuous batching drum mix plant and spreading the same by paver finisher and consolidation by vibratory roller including cost of all materials, fuel, labours, tools and plants, using contractor's own machineries..	One MT	5512.9
124	Providing, Laying ad Rolling of Compacted Mix Seal Surface With BT and Aggregate as specified using Bitumen VG 30 For Mixing with Aggregate at the rate of 5.10 % i.e. 51.00 Kg / MT of total mix incl. heating and mixing in drum mix plant and spreading and Compection as per MOST Spectification including Cost of all materials, Fire Wood, Oil, Lubricant, Fuel, Labours, tools and Plants etc. Incl. Flushing of Sand 0.3 Cum/ 10 Sqm etc. Complete.In Accordance with Requirement of Specification(RA)	One MT	6768.47
125	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 for mixing aggregate at the rate of 4.5% i.e. 45.00kg/M.T. of total mix incl. heating and mixing in drum mix plant and spreading and Compection as per MOST Spectification including Cost of all materials, Fuel, Labours, tools and Plants etc. Complete.(RA)	One MT	6276.9
126	Providing and laying Asphalt Painting on B.T. Surface with grade VG-30 at rate of 5kg/10sqm by mechanical sprayer and spreading the stone dust on prepared surface at the rate of 0.03 Cu.M./10 Sq.M. and rollinbg with smooth wheeled pnumatic roller and brushing etc. Complete.(RA)	One MT	50.16
127	Providing and fixing flood gauge marks of 'C' angle size 100mm x 50mm x 5 mm thick Mild steel section of length 2.00 mt. height fixed in head wall 0.50 mt. and 1.50 mt. out side with painting and lettering with radium color as directed.	No	4287.85
128	Applying Two Coats of colour wash (Geru) & white wash to trees on road 1.2 Mtr height of colour wash (geru) & 0.3 Mtr height of white wash including clearing the surface & removal of dirt, grass & other foreign matter from surface etc. Complete.	No	202
129	M.S. Road Sign Board / Village Name Board Non-Reflective Type	No	1348.95
130	Supply of Labour for various works Un skilled	Day	404
131	Applying priming coat over new steel and other metel surface after and including preparing the surface by throughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead.	Sqm	38.5
132	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter.	Sqm	96.59
133	Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter.	Sqm	60.73

Item No.	Item Description	Unit	Rate With 1 % LC
134	Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter.	Sqm	52.15
135	Distempeing (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth.	Sqm	79.29
136	Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials.	Sqm	63.19
137	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	Sqm	86.79
138	Rubble Strip :- supply & erecting black and yellow PVC rumble strip as a speed breaker incl. 4 nos of holes for installation, high strength PVC material strength of 35 tones having size height 25 mm width 100mm, ready to installed available in 0.5 m length incl. installation at site as per instruction of engg. in charge	Rmt	1313
139	Rolling and consolidation of soling including filling in depression which occur during the process, with power roler 8 tonne to 12 tonne.	Sqm	22.75
140	Construction of concrete road using tremix system with 15cm thick controlled C.C. M-200 concrete mixing conplast P-211 water reduction admixture @ 100 ml/bag of cement and hardner 62.50 ml/bag using fixing and removing 'C' channels of required road depth levelling if placed concrete with surface vibrator, finishing the surface with power floter and towel tight brooming as directed with providing expansion joints 20 x 200 mm and construction joints 20 x 20 mm using cconcrete cutter machine etc. complete. (As per R.A.)	Cum	6456.31
141	Providing and laying cement concrete work 1:1.5:3 (1- Cement : 1.5- Coarse sand : 3- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and Reinforcement for reinforced concrete work in (A) For Repairing	Cmt	4501.76

Rates are exclusive of GST and should be paid Separately

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

Item No.	Item Description	Unit	Rate With 1 % LC
	works out as under. 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 whichever is not applicable).		

Signature of Contractor.

Executive Engineer
Panchayat R&B Division
Gir somnath