

JAMNAGAR MUNICIPAL CORPORATION

JAMNAGAR
CIVIL BRANCH**SCHEDULE - B**

SOR 2024-25

Name of Works : Strengthening and upgradation of Traffic works

<i>Sr. No.</i>	<i>Description Of Item</i>	<i>Qty.</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>
1	Excavation for foundation upto 1.5mt depth incl. sorting out and stacking of useful materials and disposing off excavated stuff upto 50m lead and lift.(Executed with MACHINARY) (SOR Page No. 67, Item No. 04001A to E)				
	A) Loose or Soft Soil	1.00	Cum	124.61	124.61
	B) Dense or Hard Soil	1.00	Cum	159.48	159.48
	C) Hard Murrum	1.00	Cum	270.74	270.74
	D) Soft rock	1.00	Cum	281.87	281.87
	E) Hard rock.	1.00	Cum	636.06	636.06
2	Excavation for foundation upto 1.5mt depth incl. sorting out and stacking of useful materials and disposing off excavated stuff upto 50m lead and lift.(Executed with Manual labour) (SOR Page No. 67, IC. No.04002A TO 04002DE)				
	A) Loose or Soft Soil	1.00	Cum	138.16	138.16
	B) Dense or Hard Soil	1.00	Cum	173.02	173.02
	C) Hard Murrum	1.00	Cum	291.14	291.14
	D) Soft rock not requiring blasting	1.00	Cum	305.98	305.98
	E) Hard rock.	1.00	Cum	660.16	660.16
3	Providing and laying cement concrete 1:3:6 (1-cement : 3-coarse sand : 6 hand broken stone aggregate 40mm nominal size) and curing complete excluding cost of formwork in (Sor P. No. 73, I.C No.05003A to04 I No. 5.3.2)				
	(A) Foundation and Plinth.	1.00	Cum.	3075.91	3075.91
4	Providing and laying cement concrete 1:2:4 (1-cement : 2-coarse sand : 4 graded stone aggregate 20mm nominal size) and curing complete excluding cost of formwork in (Sor P. No. 74, I.C No.05010AA I No. 5.3.13)				
	A) Foundation and Plinth.	1.00	Cum.	3765.41	3765.41
5	Providing and laying controlled cement concrete M-200 and curing complete excluding cost of formwork and reinforcement for reinforced concrete in (Sor P. No. 77, I.C No.05024AA I No. 5.8.2)				
	(A) Foundation footing base of columns and mass concrete	1.00	Cum	4068.20	4068.20
6	Providing and laying controlled cement concrete M250 and curing complete excluding cost of formwork and reinforcement for reinforced concrete in (Sor P. No. 77 Item No. 5.8.3) (05025AA)				
	(A) Foundation footing base of columns and mass concrete	1.00	Cum	4347.01	4347.01
7	Providing Mild Steel reinforcement for RCC work including bending, binding and placing in position complete upto two floor level (Sor P. No. 74, I.C No.05013A I No. 5.4.10)	1.00	Kg	61.04	61.04
8	Providing HYSD Bar reinforcement for RCC work including bending, binding and placing in position complete upto two floor level (Sor P. No. 74, I.C No.05014AA I No. 5.4.11)	1.00	Kg	63.24	63.24
9	Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc height of propping and centering below supporting floor to ceiling not exceeding 4.0 M and removal of the same for in situ reinforcement concrete and plain concrete work in (Sor P. No. 95, I.C No.09001AA I No. 9.1)				
	(A) Foundation footing base of columns and mass concrete	1.00	Sqm.	182.86	182.86
10	Uncoursed Rubble Masonry with hard stone of approved quality n foundation and plinth in cement mortar 1:6 (1 Cement, 6 coarse sand) including levelling upto etc complete (Sor P. No. 92, I.C No.07001AA I No. 7.6)	1.00	Cum	2567.17	2567.17
11	Brick work using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sq. cm in foundation and plinth in cement moartar 1:6 (1 Cement, 6 Coarse sand) (B) Conventional (Sor P. No. 86, I.C No.06002BA I No. 6.13)	1.00	Cum	4521.82	4521.82

<i>Sr. No.</i>	<i>Description Of Item</i>	<i>Qty.</i>	<i>Unit</i>	<i>Rate</i>	<i>Amount</i>
12	Providing and laying cement concrete flooring 1:2:4 (1 Cement, 2 Coarse sand, 4 Graded stone aggregate 20 mm nominal size) laid in one layer finished with a floating coat of neat cement. (Sor P. No. 129, I.C No.14015AA I No. 14.71)				
	(A) 40 mm thick	1.00	Sqmt	294.60	294.60
13	Providing and laying rough chiseled dressed stone flooring over 20 mm thick base of cement mortar 1:5 (1 cement : 5 coarse sand) or LM 1:1.5 including pointing with cement mortar 1:2 (1 cement, 2 stone dust) etc complete (Sor P. No. 128, I.C No.14014AA I No. 14.46)				
	(a) 25 mm thick	1.00	Sq.Mt.	571.08	571.08
14	Providing and laying chequered terrazo tiles 22mm thick with aggregate of sizes upto 6 mm in floors, treads of steps and landings on 20 mm thick bed of C.M. 1:6 (1 Cement : 6 Sand) or LM 1:1.5 (1 Lime putty : 1.5 sand) point with neat cement slurry with pigments to match the shade of the tiles (Sor P. No. 129, I.C No.14018AA I No. 14.86)	1.00	Sq.Mt.	540.36	540.36
15	Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6 mm in floors, on 25 mm thick bed of Lime mortar 1:5 (1 lime putty : 1.5 coarse sand) or CM 1:6 jointed with neat cement slurry mixed with pigment to match the shade of the tiles incl. rubbing and polishing comp. (A) Light shades using white cement (Sor P. No. 127, I.C No.14006BA I No. 14.25)	1.00	Sq.Mt.	753.45	753.45
16	Providing 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in (I) Cement Mortar 1 : 3 (1-Cement : 3 - Sand) (Sor P. No. 136, I.C No.17003A I No. 17.61)	1.00	Sqm.	231.96	231.96
17	Providing 15 mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level finished even and smooth in (I) Cement Mortar 1 : 3 (1 - Cement : 3 - Sand) (Sor P. No. 136, I.C No.17002A I No. 17.60))	1.00	Sq.mt	182.86	182.86
18	Pointing on UCR / any masonry in cement mortar 1:3 incl. curing etc. comp. flush pointing (A) Flush Pointing (Sor P. No. 137, I.C No.17012A I No. 17.14)	1.00	Sq.mt	88.39	88.39
19	White washing with lime on walls surfaces (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust mortar drops and other foreign matter (Sor P. No. 140, I.C No.18001 I No. 18.11)	1.00	Sq.mt	12.87	12.87
20	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 (Sor P. No. 142, I.C No.18027 I No. 18.51)	1.00	Sq.mt	61.63	61.63
21	Distempering (Two coats) with oil bound washable distemper o approved brand and manufacture and of required shade on wall surfaces to give an even shade over and including a primary coat of with alkali resistance primer of approved brand after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and smooth (Sor P. No. 141, I.C No.18022 I No. 18.45)	1.00	Sq.mt	77.72	77.72
22	Painting one coat (Excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brshing to give an even shade including clean the surface all dirt dust and other foreign matter (Sor P. No. 143, I.C No.19003 I No. 19.11)	1.00	Sq.mt	58.59	58.59
23	Painting two coat (Excluding priming coat) on new steel and other metal surfaces with enamel paint brshing interior to give an even shade including cleaning the surface and even shade including cleaning the surface of all dirt dust and other foreign matter (Sor P. No. 144, I.C No.19011 I No. 19.71)	1.00	Sq.mt	93.98	93.98
24	Providing fixing and laying light duty NP-2 class RCC pipe with collars incl. testing of following size (Sor P. No. 171, I.C No.24007BA,24007CA,24007DA I No. 24.22)				
	(B) 150 mmdia	1.00	Rmt	254.65	254.65
	(C) 250 mmdia	1.00	Rmt	356.29	356.29
	(D) 300 mmdia	1.00	Rmt	671.32	671.32

Sr. No.	Description Of Item	Qty.	Unit	Rate	Amount
25	Filling available excavated earth (Excluding rock) in trenches plinth sides of foundation etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering (Sor P. No. 69, I.C No.04006 I No. 4.12)	1.00	Cum,	136.11	136.11
26	Supplying and spreading of 20 to 25 mm size crushed metal. (Sor P. No. 171 R.A. No.2)	1.00	Cum,	597.00	597.00
27	Supplying, spreading and stacking 40 to 63 mm size crushed metal with all lead and lift (Sor P. No. 171 R.A.No.1)	1.00	Cum,	469.00	469.00
28	Providing and fixing M.S. Pipes grill of required pattern to wooden frames of windows etc. with M.S. flats at required spacing and frame all-round square or round bars with round headed bolts and nuts or by screw (Sor P. No. 182, I.C No.10025AA I No. 10.1)				
	(A) Plain Grill	1.00	Kg.	110.57	110.57
	(B) Ornamental Grill	1.00	Kg.	165.09	165.09
29	Demolition and disposal of unserviceable materials with all lead and lift. (Sor P. No. 147, I.C No.20001A I No. 20.1)				
	(I) Lime concrete	1.00	Cum.	548.57	548.57
30	Dismantling tiles of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (Sor P. No. 147, I.C No.20005 I No. 20.23)	1.00	Sq.m.	49.78	49.78
31	Dismantling steelwork including distempering and stacking the materials with all lead and lift.(Sor P. No. 148, I.C No.20012 I No. 20.42)	1.00	Kg.	3.90	3.90
32	Painting two coats (excluding priming coat) or new steel and other metal surface with synthetic enamel paints, brushing to give an even shade, including cleaning the surface of all dirt, dust and other foreign matter. (Sor P. No. 143, I.C No.19005 I No. 19.19)	1.00	Sq.m.	68.47	68.47
33	Writing letter or figures on any surface with black Japan paint (stop, commas, hyphens and the like not to be measured and paid for separately) (Sor P. No. 145, I.C No.19023A I No. 19.119)	1.00	Per Letter Per Cm. Ht.	3.57	3.57
	(i) Block (Letter / Figures)				
34	Painting lines, dashes, arrows, letters etc. on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (Sor P. No. 145, I.C No.19025A I No. 19.126)				
	(i) Over 10cm. in width.	1.00	Sq.m.	132.06	132.06
	(ii) Up to 10cm. in width	1.00	Rmt	13.89	13.89
35	Wall painting (two coats) with plastic emulsion paint for approved brand and manufacture on undecorated wall surfaces to give an even shade including thoroughly brushing the surface free from mortal droppings and other foreign matter and sand papered smooth. (Sor P. No. 142, I.C No.18031 I No.18.57)	1.00	Sqm.	85.52	85.52
36	Filling Foundation and plinth with murrum of selected soil in layer of 20 cm thickness including watering ramming and consolidation etc. complete (Sor P. No. 69, I.C No.04008A I No.00)	1.00	Cum	301.58	301.58
37	Applying priming coat over new steel and other metal surface after and including preparing the surface bu thoroughly cleaning, oil, grease, dirt and other foreign matter and scoured and sand fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead (Sor P. No. 145, I.C No.19001 I No.19.2)	1.00	Cum	36.92	36.92
38	Providing and fixing Retro reflective Engineering grade Board using CRC (MS) sheet 2mm angle iron 75 x 75 x 6 mm descaling and degreasing the board as per requirement using Epoxy primer Epoxy paint and carrying retro reflective process by screen painting as directed etc. complete including transporting and fixing cement concrete 1 : 4 : 8 with necessary excavation curing etc. comp. as per IRC type design (Sor P. No. 187, I.C No.26090 I No.)	1.00	Sqmt	12550.96	12550.96
39	(I) Cautionary Warning Sign				

Sr. No.	Description Of Item	Qty.	Unit	Rate	Amount
	Providing and fixing sign boards made out of 2 mm alluminium sheet size 90 x 90 x 90 cms equilateral triangle as per design of IRC-67-1977. Pre treated with phospheting process and acid etching coated with one coat of epoxy paint, reflectorised with retro reflective sheeting as per latest MOST specifications 3.1 M long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 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 C.C. Block of size 45 x 45 x 60 cms for each leg. including excavation, curing etc. complete under the supervision of engineer (Sor P. No. 189, I.C No.26092B I No.0.0)				
	(A) Engineer Grade	1.00	Nos.	3770.95	3770.95
	(B) Class-B Type-4 Retro Reflective sheeting	1.00	Nos.	3867.51	3867.51
40	(2) Informatory signs :				
	Providing and fixing sign boards made out of 2 mm alluminium sheet size 80 x 60 cms rectangle as per design of IRC-67-1977. Pre treated with phospheting process and acid etching coated with one coat of epoxy paint, reflectorised with retro reflective sheeting as per latest MOST specifications 3.1 M long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 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 C.C. Block of size 45 x 45 x 60 cms for each leg. including excavation, curing etc. complete under the supervision of engineer (Sor P. No. 190, I.C No.26093A-B I No.)				
	(A) Engineer Grade	1.00	Nos.	3818.71	3818.71
	(B) Class-B Type-4 Retro Reflective sheeting	1.00	Nos.	3951.13	3951.13
41	(3) Regulatory / Mandatory signs				
	Providing and fixing sign boards made out of 2 mm alluminium sheet size 60 cms diameter circle as per design of IRC-67-1977. Pre treated with phospheting process and acid etching coated with one coat of epoxy paint, reflectorised with retro reflective sheeting as per latest MOST specifications 3.1 M long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 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 C.C. Block of size 45 x 45 x 60 cms for each leg. including excavation, curing etc. complete under the supervision of engineer (Sor P. No. 191, I.C No.26094A-B I No.)				
	(A) Engineer Grade	1.00	Nos.	3405.75	3405.75
	(B) Class-B Type-4 Retro Reflective sheeting	1.00	Nos.	3505.07	3505.07
42	(4) Stop sign				
	Providing and fixing sign boards made out of 2 mm alluminium sheet size 90 x 90 cms octagon as per design of IRC-67-1977. Pre treated with phospheting process and acid etching coated with one coat of epoxy paint, reflectorised with retro reflective sheeting as per latest MOST specifications 3.1 M long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 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 C.C. Block of size 45 x 45 x 60 cms for each leg. including excavation, curing etc. complete under the supervision of engineer (Sor P. No. 191, I.C No.26095A-B I No.)				
	(A) Engineer Grade	1.00	Nos.	4629.76	4629.76
	(B) Class-B Type-4 Retro Reflective sheeting	1.00	Nos.	6637.98	6637.98
43	(5) Parking Sign				

Sr. No.	Description Of Item	Qty.	Unit	Rate	Amount
	Providing and fixing sign boards made out of 2 mm alluminium sheet size 60 x 60 square plus 60 x 20 cms rectanguler additional plate as per design of IRC-67-1977. Pre treated with phospheting process and acid etching coated with one coat of epoxy paint, reflectorised with retro reflective sheeting as per latest MOST specifications 3.1 M long stand post and frame fabricated from suitable size iron angle of 35 x 35 x 3mm, 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 C.C. Block of size 45 x 45 x 60 cms for each leg, including excavation, curing etc. complete under the supervision of engineer (Sor P. No. 193, I.C No.26096A-B 1 No.)				
	(A) Engineer Grade	1.00	Nos.	4218.88	4218.88
	(B) Class-B Type-4 Retro Reflective sheeting	1.00	Nos.	4351.31	4351.31
44	Refixing the dismantling divider as per instruction (R.A.No. 22)	1.00	Cum	7128.29	7128.29
45	Manufacturing and supplying divider in M250 as per design including necessary smooth finishing and curing complete including loading unloading and stacking the divider section, laying on directed site and joining with C:M 1:1 including excavation (Standard Size 0.30 x 0.20 x 0.50) (R.A. No. 20)	1.00	Cum	6264.00	6264.00
46	Manufacturing and supplying divider in M250 as per design including necessary smooth finishing and curing complete including loading unloading and stacking the divider section, laying on directed site and joining with C:M 1:1 including excavation (Standard Size 0.30 x 0.20 x 0.65) (R.A. No. 31)	1.00	Cum	6043.00	6043.00
47	Manufacturing and supplying divider in M250 as per design including necessary smooth finishing and curing complete including loading unloading and stacking the divider section, laying on directed site and joining with C:M 1:1 including excavation (Standard Size 0.45 x 0.30 x 0.10) (R.A. No. 32)	1.00	Cum	7698.00	7698.00
48	Road marking with Hot Applied Thermoplastic compound with reflectorising Glass bends on bituminous surface. Providing and laying of hot applied thermoplastic compound 2.5 MM thick including reflectorising glass bends 250 Gms per Sqmt area, thickness of 2.5 MM is exclusive of surface applied glass bends as per IRC : 35. The finished surface to be level uniform and free from streales and holes (Sor P. No. 220, I.C No.26161 1 No.)	1.00	Sqmt	364.08	364.08
49	Providing and fixing Pre-Cast Rubber Dye Inter locking concrete block 60 mm thick with grade of concrete M-200 pnumtic compressed by mechanically pressed and as per approveddesign including 75 mm sand layer for leveling and filling thejoint with sand in proper line and level (RA No. 12)	1.00	Sqmt	598.00	598.00
50	Supplying & fixing rubber mold paving block of 80 mm thick good quality & crushing strength 250 kg. / cm2 etc. PINK & YELLOW colour and including 75 mm sand for base preparation as directed by engineer in charge (RA No. 11)	1.00	Sqmt	720.00	720.00
51	Providing and fixing pre-cast concrete kerb stone of grey cement based concrete block 30 cm length 30 cm height and 15 cm thick of M-250 Grade concrete as per approved design and including excavation for fixing in proper line and level, filling the joint with CM 1 : 3 (1 - Cement : 3 Fine sand) etc. comp. (SOR Page no. 130, Item Code. 14032)	1.00	Rmt	371.21	371.21
52	Providing and laying broken china mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1 : 3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall, clearing with water and oxalic acid etc. as directed (SOR Page no. 130, Item Code. 14035)	1.00	Sqmt	771.98	771.98
53	Supplying JCB Bracker (M.R.)	1.00	One Hours	1500.00	1500.00
54	Supplying Hand Bracker (M.R.)	1.00	One Hours	800.00	800.00

I / We am / are willing to carry out above work at % above / below. In words percentage above / below the tender rate, which mentioned above.

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DATE:

Signature of Contractor

**Deputy Engineer
Civil Zone ()
Jamnagar Municipal Corporation**