

SURAT MUNICIPAL CORPORATION					
CENTRAL ZONE					
Name of Work :- Annual Rate Contract for New Construction/Repairing of R.C.C.Pardi,Chainlink fencing & Grill for the					
Purpose of Traffic Island, Channalisers, Dividers in Different Areas of Central Zone.(2nd Attempt).					
Note :- Rate without GST & With Cess					
SCHEDULE-B					
SR. NO.	I T E M	QTY.	RATE	PER	AMOUNT
			Rs. Ps.		Rs. Ps.
1	Dismantling of structures of roadways, including disposing off unserviceable material free of cost which will be the owenrship of contractor or as directed by the Engineer with all leads and lift etc. Including labour, machinery & equipments required to complete this item etc.				
	(A) R.C.C. Pardi	20.00	1110.75	CM	22215.00
	(B) Removing existing Kotah Stone	10.00	50.11	SM	501.10
	(C) Brick / Stone Masonary	10.00	557.92	CM	5579.20
	(D) Plain Concrete	7.00	639.72	CM	4478.04
	(E) Bituminious Pavement	10.00	288.65	CM	2886.50
	(F) Non Bituminious Pavement	10.00	155.25	CM	1552.50
2	Box cutting the road surface to proper slop and camber for road work including a base for road work including removing the excavated stuff depositing on the road side to a slop as directed up to 50.0 mt. Lead.	10.00	109.41	CM	1094.10
3	Excavation for foundation including sorting out and stacking off useful materials and disposing of the excavated stuff up to 50 mt. lead and all lift, watering etc.comp.				
	(A) For loose or soft soil				
	(1) Up to 1.5 Mt. depth	15.00	123.13	CM	1846.95
	(2) 1.5 to 3.0 mt. depth	10.00	136.47	CM	1364.70
4	Preparation of subgrade with compacting. levelling and consolidation of subgrade with mini roller/plate vibrator machine including watering and filling in depression which occur during the process. including labour,machinery, equipments required to execute this item etc. complete as detailed in tender specification & as directed by engineer in charge.	100.00	5.03	SM	503.00
5	Providing and laying cement concrete 1:5:10 (1 Part of cement, 5 Part of coarse sand, 10 Part of graded stone aggregate of 40mm nominal size) in 75mm thick and curing completed including cost of form work etc. complete.	10.00	2606.92	C.M.	26069.20
6	Providing and laying cement concrete 1: 4: 8 (1 cement : 4coarse sand :8 graded stone aggregates 40 mm nominal size) and curing complete including cost of formwork in:				
	(A) Foundation and plinth	30.00	2769.69	CM	83090.70
7	Providing & laying ordinary cement con.1:1:5:3 (1cement:1.5sand: 3 graded stone ag.20 mm nominal size) finishing smooth cuing etc. comp.Incldp. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in				
	(B) Vertical and horizontal fins Ground floor	200.00	11613.07	CM	2322614.00

8	Providing & fixing TMT / CRS Bar reinforcement for R.C.C. work incl. bending, binding & placing in position etc.comp.---Ground Floor	2500.00	77.29	Kg.	193225.00
9	Providing & filling with yellow soil or selected soil in layers of 20 cm. Th'. Incl. watering, ramming & consolidation etc. complete.	100.00	301.78	CM	30178.00
10	Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering.	10.00	136.92	CM	1369.20
11	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	10.00	301.78	CM	3017.80
12	Providing and laying Granular Sub Base (drainage layer) conforming to grading V of Table 400-1 of each layer not exceeding 200mm thickness and compacted thickness as per design & drawing with specified graded stone metal and sand mixed in pugmill and laid with mechanical means spreading with motor grader and compacting with vibratory roller having minimum 80-100 kN static weight to achieve desired density of 98% of MDD including all materials, labour, machinery,tests required to be carried out with all leads and lifts etc., complete as per details in tender specification & as directed by engineer in charge.	50.00	1,488.88	CM	74444.00
13	Providing and constructing brick work using Fly ash bricks having Crushing Strength not less than 70 kg./ sq.cm. in super structure in cement mortar 1:6 (1 cement :6 fine sand) etc. comp.				
	Ground Floor	40.00	4,729.83	CM	189193.20
14	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 (C)Fly Ash Bricks				
	Ground floor	70.00	712.81	SM	49896.70
15	Providing and applying 15 mm thick cement plaster in single coat on brick/concrete walls and similar surfaces for plastering and finished even and smooth with a floating coat of cement slurry mixed with admixture of lime or neeru in required proportion etc. complete in cement mortar 1 : 3 (1 cement : 3 sand)				
	(A) For wall and similar surfaces				
	Ground floor	200.00	249.39	SM	49878.00
16	Providing 20 mm thick double coat mala cement plaster on brick / concrete work for plastering comprising of base coat 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete.	50.00	286.1	SM	14305.00
17	Providing and laying precast terrazo tiles at all floor level 20 mm thick with at 60% white colour makarana marble chips and remaining brown and black coloured stone chips up to 6 mm laid in floors, treads of steps and landing on a bed of 25 mm average thick cement mortar 1:6 (1 Cement : 6 coarse sand) joined with neat cement slurry shade of tiles including rubbing and polishing etc. complete with precast tiles.				
	For all floor	10.00	647.25	SM	6472.50
18	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick				
	For all floor	10.00	1,019.39	SM	10193.90

19	Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.				
	For all floor	10.00	1,130.79	SM	11307.90
20	Providing and laying cement concrete of 1:2:4 (Cement : 2 coarse sand 4 graded stone aggregate 20 mm nominal size) and curing complete including cost of form work but excluding cost of reinforcement for reinforced concrete work . (A) foundation, footing, base of column and mass concrete.	30.00	3,741.69	CM	112250.70
21	Providing & fixing G.I. Chainlink of 50mm x 50mm x 10mm guage thick with nuts, bolts, washer or G.I.pins excluding M.S. angles etc. complete as per relevent I.S. specification. (TATA or equivalent brand)	600.00	311	SM	186600.00
22	Applying priming coat over new steel and other metal surface after over and including preparing the surface by throughly cleaning oil, grease dirt and other foreign matter and scoured with brushed fine steel wool, scrapers and sand paper with ready mixed priming paint brushing red lead.	1621.00	36.74	SM	59555.54
23	Providing & laying Vitrified tiles of 8mm to 10mm thick of Orient, Kajaria, Jhonson, Nitco, Somani, Bell, Asian or Euro make in flooring,treads of steps & Landing laid on bed of 20 mm (Average) base of cement mortar 1:6 (1 Cement : 6 Coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantalling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete. Size 24" x 24" (a) Light Shade (Basic Rate-Rs.412.0/S.M.)	10.00	1,092.37	SM	10923.70
24	Providing & laying marble stone slab flooring over 20 mm.av. base of C.M.1:6 (1 cement :6 coarse sand) & jointed with grey cement slurry incl. rubbing & polishing comp.(A) Marble slab 25 mm. Thick. (Basic Rate :- Rs.701 / S.M.)	10.00	2,246.54	SM	22465.40
25	Providing & laying granite slab 18mm thick in flooring, treads of steps and landing laid on bed of 20mm thick cement mortar 1:6 (1 Cement : 6 coarse sand) or lime mortar 1:1.5 laid and finished with flush pointing in white or colour cement including rubbing and polishing complete. (Basic Rate:- Rs.1347.46/S.M.)(MR)	10.00	2410.00	SM	24100.00
26	Providing & laying granite slab 18mm thick in skirting, risers of steps, dedo and pillars laid on 10mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) and finished with flush pointing in white or colour cement including rubbing & polishing comp.. (Basic Rate:- Rs.1347.46/S.M.)(MR)	15.00	2449.00	SM	36735.00
27	Steel work welded builtup sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint (A) in beams and joints channels angles, tees, flates with connectin plates for angles cleats as in main and cross beams, hip and trussed purlins connected to common rafters and the like.	5.00	9,108.48	Qtl.	45542.40
28	Providing & fixing M.S.Grills of required pattern to wooden frames of windows etc. At all floor levels with M.S. flats at required spacing & frame around square or round bars with round headed bolts & round headed bolts and nuts or by screws incl. Priming coat of Red lead paint etc. comp. (A) Plain grill For all Floors	1500.00	109.41	Kg.	164115.00
29	Painting two coat (excluding priming coat) on new steel and other metal surface with synthetic enenal paint, burshing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.	25.00	68.57	SM	1714.25
30	Painting one coat (excluding priming coat) on Previously Painted steel and other metal surface with synthetic enenal paint, burshing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.	25.00	39.93	SM	998.25

31	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	50.00	83.36	SM	4168.00
32	Apply two coats of putty and two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other matter and sand papered smooth.	50.00	40.59	SM	2029.50
33	Painting two coats of enamel paint over priming coat (including priming coat) on wall after removing entire surface dirt, dust foreign matter & also incl. preparing the surface even & sand papered smooth etc. comp.(M.R.)	50.00	90.00	SM	4500.00
34	Distempering two coats on previously distempering wall (without primer) with oil bound washable distemper of approved brand & required shade on wall surface to give an even shade after thoroughly brushing the surfaces clean of all grease, dirt loose places of sceles & also including preparing the surface even and smooth.	50.00	60.63	SM	3031.50
35	Distempering two coats with oil bound washable distemper of approved brand & manufacture & of required shade on wall surface to give an even shade over and & including a priming coat of alkali resistance primer of approved brand after thoroughly brushing the surface to give an even shade after thoroughly brushing the surface free from mortar droppings and other foreign matter and also including preparing the surface even and smooth.	50.00	75.84	SM	3792.00
36	Providing and laying chequered tiles 22 mm thick flooring with marble chips of sizes upto 6 mm in floors on 25 mm thick bed of grey cement in cement mortar C.M. (1:6) joined with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete to give a even finish as the instruction of the Engineer-in-charge. Light shades using white cement.	30.00	528.01	S.M.	15840.30
37	Providing interlocking type Rubber moulded cement concrete paver block of approved shape, design & colour having 60mm thickness (M-35) purchased from SMC's approved paverblock manufacturer only & fixing of fine sand bedding. Item includes levelling by using vibratory plates compacted machine. Item also includes all materials, labour, equipments, tools, plants, watering, cleaning etc. complete. MR (With colour)	100.00	524.00	Smt.	52400.00
	Without colour	100.00	524.00	Smt.	52400.00
38	Providing & fixing interlocking type cement concrete paver block of approved shape & design having 60 mm thickness (M-40) purchased from SMC's approved paverblock manufacturer only on fine sand bedding. Item includes leveling by using vibratory plates compacted machine. Item also includes all materials, Labour, equipments, tools, plants, watering, cleaning etc. complete. MR	20.00	553.00	Smt.	11060.00
	For Road Junction 80 mm thick (M-50) MR	30.00	714.00	Smt.	21420.00

39	Removing & Refixing interlocking type cement concrete paver block (Rubber moulded) of approved shape, design & colour fixing on fine sand bedding. Item includes levelling by using vibratory plates compacted machine. Item also includes all materials, labour, equipments, tools, plants, watering, cleaning etc. complete. (MR)	60.00	102.00	Smt.	6120.00
40	Removing & resetting existing readymade c.c. kerb stone of required size & thickness in line level and in truly vertical position including filling joints in C.M. 1:1 (1 part of cement : 1 part of coarse sand) inclining watering etc. complete and as directed by engineer in charge (MR)	50.00	56.00	Rmt.	2800.00
41	Providing and laying cement concrete cast-in-situ Guard Stone (1:2:4) (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) including cost of form work including, curing labour,machinery, equipments required to execute this item etc. complete. Size :- (750 X 350 X 400)	430.00	564	NO.	242520.00
42	Providing and laying cement concrete cast-in-situ Guard Stone (1:1/2:3) (1 cement : 1/2 coarse sand : 3 graded stone aggregate of 20 mm nominal size) including cost of form work including, curing labour,machinery, equipments required to execute this item etc. complete. Size :- (600 x 225 x 400)	500.00	378.00	NO.	189000.00
43	Supplying and filling fine sand (Pana/Stone Dust/Crush sand) in 25/75 mm (Avg.) compacted thickness over the base including necessary compaction, watering etc. complete. item includes levelling by using mini roller/plat vibrator machine and as per details in tender specification & as directed by engineer in charge.	50.00	480	CM	24000.00
44	Providing and laying/fixing cement concrete cast-in situ/Precast kerb in M-20 grade as per drawing and as per details in tender specification, Purchsed from SMC's approved manufactures list. Setting in line, level and in truly vertical position, including filling joints 10mm width in C.M. 1:1 (1 Part of cement 1 part of coarse sand) smooth pointing in C.M. 1:1 (1 Part of cement : 1 Part of stone dust) including watering, test required to be carriedout etc. complete and as directed by Engineer-incharge). including all leads, lifts, loding & unloding, watering, labour, tests required to be carried out, machinery, equipments required to execute this item etc. complete. (H- Height, Wwidth, t-thickness)(MR)				
	Size in mm (H 775 X W 300 X T190)	55.00	1091.00	Rmt.	60005.00
	Size in mm (H 480 X W 300 X T150)	40.00	380.00	Rmt.	15200.00
	For regular edge of footpath Size in mm (H 300 x W 380 x T100)	40.00	228.00	Rmt.	9120.00
	For rounding at the edge of footpath (For fanning portion)	30.00	274.00	Rmt.	8220.00
45	Providingandinstallingbarricadesincluding supplying, paitingwith flourscent paint/white paint and fixingCGI sheet24SWGofrequiredheightaspersiteconditionand M.S.angleof requiredsizetorestainat2.5mt. c/cand dismantalling the same after completion of work and allowingformovementof trafficasperdrawingandasper instruction from engineer in charg	5.00	124.72	Sm	623.60
46	Reuse of the above barricades in item no.45 for traffic safety purpose without procuring new barricades.	5.00	28.32	Sm	141.60
47	Excavation for 27 cm wide and 25 cm deep Gishi in Ashpalt Bitumeneous road for erection of concrete wall as a road divider and removal of all excavated materials / asphalts etc. from the site as per details in tender specification & as directed by engineer in charge at the cost of contractor. (MR)	10.00	29.25	Rmt.	292.50
TOTAL					4500960.43

Jr. Engineer
Central Zone

Dy. Engineer
Central Zone

Executive Engineer
Central Zone