

South Zone-A (Udhana)					
Name of Work:- Annual Rate Contract For Repairing, Maintenance and new work of footpath & watertable, divider, chainlizer, traffic island, activity area, P.C.C and laying cement concrete Guard Stone and Setting/Resetting stone paving/ Pever block work in Sub Zone-3 & 4 in South Zone-A (Udhana).(2nd Attempt)					
SCHEDULE - B					
Sr. No	Item	Quantity	Rate	Unit	Amount
1	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. (SOR 2024-25)	416.00	109.41	CM	45514.56
2	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 engineering charge.(SOR 2024-25)	447	5.03	SM	2248.89
3	Providing & Laying C.C 1:5:10 (1cement :5coarse sand :10 graded stone agg. 40 m.m Nominal size)& curing comp. excl. cost of from work in :Foundation & Plinth (SOR 2024-25)	50.00	2606.92	CM	130346.00
4	Providing & laying C.C 1:3:6 (1cement :3 coarse sand :6 Crushed stone agg 20m.m Nominal size)&curing comp. excl. cost of form work in :(a) foundation & Plinth (SOR 2024-25)	280.00	3095.26	CM	866672.80
5	Providing & laying ordinary cement con.1:1.5:3 (1cement:1.5sand: 3 graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Inclcd. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : Up to G.L./P.L.(A) BEAM :(ii) Having e/s area more than 0.08 sq. mt. & upto 0.12 sq.mt (SOR 2024-25)	25.00	8174.41	CM	204360.25
6	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 rollar/plat vibrator machine and as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)	420.00	480.00	CM	201600.00
7	Providing 100mm thick readymade C.C. kerb of strength M-20 (size 300mm x 380mm) purchased from SMC's approved paverblock manufacturer & setting in line, level and in truly vertical position, including filling joints in C.M. 1:1 (1 part of cement : 1 part of stone dust) smooth pointing in C.M. 1:1 (1 part of cement : 1 part of coarse sand) including watering etc. complete and as directed by engineer in charge.(SOR 2024-25)	420.00	228.00	RM	95760.00
(A)	For rounding at edge of footpath(For fanning portion)	350.00	274.00	RM	95900.00
8	Providing and fixing C.C M 20 Grade Pre cast finshed surface Kerb stones of approved design including the cost of form work (as directed by enginner in charge),curing etc.complete. The rate shall also inclde for erectting and fixing the pieces in position with necessary equipments and materials and include the flush pointing in CM 1:2 for all joints of the kerb stones.(Sample must be approved) (SOR 2023-24)				
	Kerb type A	350.00	90.90	No.	31815.00
	Kerb type D	290.00	65.65	No.	19038.50
9	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. Without colour (SOR 2024-25)				
	With colour	960.00	524.00	SM	503040.00
	With Colour (Produced by C&D waste)	0.00	517.00	SM	0.00
	Without Colour (Produced by C&D waste)	0.00	481.00	SM	0.00
10	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, euipments, tools, plants, watering, cleaning etc. complete. (SOR 2024-25)	420.00	553.00	SM	232260.00
	For Road Junction 80 mm thick (M-50)	420.00	714.00	SM	299880.00

11	Removing and resetting Existing paver block , including all watering leveling, cleaning, labour & Equipments chagres etc. complete as per details in tender specification & as directed by engineer in charge. MR	400.00	102.00	SM	40800.00
12	Dismantling of structures on roadways, including disposal of unserviceable material free of cost in permanent work as directed by the engineer with all leads and lifts etc. complete.(A) Unreinforce Cement Concrete (SOR 2024-25)	400.00	639.72	CM	255888.00
13	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift (i) RCC work (SOR 2024-25)	400.00	1110.75	CM	444300.00
14	Providing & fixing IS Mark TMT Bar FE 500D reinforcement for R.C.C. work incl. bending, binding & placing in position etc. comp. Upto G.L./P.L. (SOR 2024-25)	320.00	76.21	KG	24387.20
15	Providing and fixing rebar of following diameter using chemical grout of Swanchoe/Hilti/Fischer or equivalent make including cost of all equipments, tools, material, labour, etc. Standard procedure as mentioned in manufacturer's specifications shall be strictly followed, which shall be submitted and got approved from the authority prior to start of work. The rate shall also include cost of drilling of hole of required diameter and depth as mentioned in manufacturer's specification, cleaning the hole with required air blower and other necessary tools and tackles, positioning, providing and grouting chemical, allied fixtures and fasteners, etc. but excluding the cost of reinforcing bar etc. complete. Item includes necessary scaffolding, staging, labour, tools and equipments, etc. complete as directed by the engineer-incharge. (SOR 2024-25)				
	16mm	20.00	190.00	No.	3800.00
	20mm	20.00	340.00	No.	6800.00
16	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. (M.R)	400.00	29.25	RM	11700.00
17	Providing & laying cement concrete 1:2:4 (1 cement:2 sand:4 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) Foundation, footing, Base of columns and Mass concrete. (SOR 2024-25)	210.00	3741.69	CM	785754.90
18	Applying Priming coat over new steel and other metal surface after over and including preparing the surface by thoroughly 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.(SOR 2024-25)	250.00	35.00	SM	8750.00
19	Painting two coat (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, burshing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.(SOR 2024-25)	250.00	65.31	SM	16327.50
20	Painting one coat (excluding priming coat) on Previously Painted steel and other metal surface with synthetic enamel paint, burshing to give an even shade including cleaning the surface of all dirt, dust and other foreign matters.(SOR 2024-25)	230.00	38.03	SM	8746.90
	For every subsequent coat Extra over item no.above	200.00	38.18	SM	7636.00
21	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.)	220.00	90.00	SM	19800.00
22	Painting two coats of enamel paint (Excluding priming coat) over previously painted wall after removing entire surface with even shade & surface after removing dirt, dust foreign matter etc. comp.(M.R.)	230.00	60.00	SM	13800.00
23	Providing & applying two coats of weather shield max paint (3 coats may be required in case of darker colours.)of ICI Dulux or Apex Ultima of Asian Paint including applying exterior acrylic primer coat as per manufacturers specification and directions in shade and colour approved by architects, on exterior surfaces of the building including scaffolding, preparing the surface, watering, curing etc. complete and as directed by the architects and manufacturers. Surface Preparation : surface is thoroughly clean, dry and free from all loose dirt, chalk, grease, fungi, algae and flaking paint. This can be achieved by brushing with a wire/ stiff coir brush, followed by water jetting if required. Fill up all minor cracks and defects with white cement and sand mixture in the ratio 1:3. For application on previously painted wall, previous coatings of paint must be thoroughly scraped off and Clean the surface thoroughly using wire brushes. Priming: Apply a liberal coat of exterior acrylic primer and allow it to dry for 4-5 hours. Application of putty is not recommended. Minimum 4-6 hours duration is required between each coat of weather shield max paint (M.R.)	250.00	82.00	SM	20500.00

24	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (SOR 2024-25)	340.00	301.78	CM	102605.20
25	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.(SOR 2024-25)	15.00	109.41	KG	1641.15
26	Providing & laying cement concrete 1:4:8 (1 cement:4 coarse sand:8 graded stone agg. 40 mm nominal size) & curing comp. excl.cost of form work in (A) Foundation and Plinth (SOR 2024-25)	250.00	2769.69	CM	692422.50
27	Providing and laying chequered precast concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors treads of steps and landing on 20mm thick bed of C.M. 1:6 (1 cement : 6 sand) or L.M. 1:1.5 (1 Lime putty : 1.5 sand) jointed with neat cement slurry with pigments to match the shade of the tiles. (SOR 2024-25)	180.00	545.76	SM	98236.80
28	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) including watering etc. complete and as directed by engineer in charge (M.R.)	310.00	56.00	RM	17360.00
29	Providing and setting 35 to 50 mm thick rough kotah stone paving for work in line, level and in proper gradient including 25mm thick bedding in C.M. 1 : 6 (1 part of cement : 6 part of coarse sand) with sufficient ramming consolidation.providing joints in C.M.(1part of cement :3 part of coarse sand) and smooth pointing in C.M.1:1(1part of cement :1 part of coarse sand) including watering etc complete.(SOR 2023-24)	320.00	312.57	S.M	100022.40
30	Providing and setting 50 to 60 mm thick rouge kotah stone water table in line, level and in required gradient including 25 mm thick bedding in C.M. 1:6 (1 Part of cement : 6 Part of coarse sand) with sufficient ramming consolidation. Providing joints in C.M. 1:3 (1 Part of cement : 3 Part coarse sand) and smooth pointing in C.M. 1:1 (1 Part of Cement, 1 Part of coarse sand) including watering etc. complete and as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)				
	Size : 2'0" x 1'0" (600mm x 300mm)	300.00	119.02	R.M	35706.00
	Size : 1' x 1'(40 to 50 mm thick)	310.00	125.88	R.M	39022.80
31	Removing & resetting existing ready made C.C.Kerb of strength of required size & thickness in line,level and truly vertical position ,including filling joints in C.M.1:1(1part of cement 1 part of coarse sand) smooth pointing in C.M.1:1 (1part of cement : 1 part of stone dust)including watering etc.complete as directed by engineer-in-charge.(MR)	430.00	56.00	R.M	24080.00
32	Removing and resetting rough kotah stone for work in line, level and proper gradient including 25mm thick bedding in C.M 1 : 6 (1 part of cement : 6 part of coarse sand) with sufficient ramming consolidation.providing joints in M.(1part of cement :3 part of coarse sand) and smooth pointing in C.M.1:1(1part of cement :1 part of coarse sand) including watering etc complete.(SOR 2023-24)	570.00	155.51	S.M	88640.70
33	Removing and resetting existing rough kotah stone water table for footpath in line, level and proper gradient including 25 mm thick bedding in CM 1:6 (1 Part of Cement, 6 Part of coarse sand) with sufficient ramming, consolidation, Providing joints in C.M. 1:3 (1 Cement : 3 Coarse sand) and smooth pointing in C.M. 1:1 (1 Cement : 1 Coarse sand) including watering etc. complete as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)	430.00	63.89	R.M	27472.70
34	Providing and fixing in position readymade cement concrete Water Drain Channel (300 x 300 x 80 mm) M- 30 Grade with all labour, material, testing charge etc. complete as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)	100.00	189.00	R.M	18900.00
	Readymade water drain channel (600x300x100)	100.00	353.00	R.M	35300.00
35	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.(SOR 2024-25)				
	600 MM X 225 MM X 400 MM size	900.00	395.00	No.	355500.00
36	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.(SOR 2024-25)				
	750 MM X 350 MM X 400 MM size	1746.00	564.00	No.	984744.00

37	Providing & laying cement concrete 1:1.5:3 (1 cement:1.5 sand:3 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) Foundation, footing, Base of columns and Mass concrete.(SOR 2024-25)	30.00	4250.50	C.M	127515.00
38	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,abour,achinery,tests required to be carried out with all leads and lifts etc.,omplete as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)	250.00	1488.88	C.M	372220.00
39	Providing and fixing C.C. M-25 grade pre-cast Vaccume pressured finished surface kerb stones of approved design including cost of formwork and mould (as directed by engineer incharge), curring etc. The rate shall also including for eracting and fixing the pieces in position with necessary.(SOR 2023-24)				
	Tree guard ID 500mm, 800 x 800 x 75 mm (Type D) (Set 4)	80.00	672.00	No.	53760.00
40	Dismantling of structures of roadways, including disposing off unserviceable material free of cost which will be the ownrship of contractor or as directed by the Engineer with all leads and lift etc. Including labour, machinery & equipments required to complete this item etc.(SOR 2024-25)				
	(A) R.C.C. Pardi	80.00	1110.75	C.M	88860.00
	(B) Removing existing Kotah Stone	70.00	50.11	S.M	3507.70
	(C) Brick / Stone Masonary	50.00	577.92	C.M	28896.00
	(D) Plain Concrete	50.00	639.72	C.M	31986.00
	(E) Bituminious Pavement	50.00	288.65	C.M	14432.50
	(F) Non Bituminious Pavement	50.00	155.25	C.M	7762.50
41	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-in-charge). including all leads, lifts, loding & unloding, watering, labour, tests required to be carried out, machinery, equipments required to execute this item etc. complete. (HHeight, W-width, t- thickness)(SOR 2024-25)				
A	Size in mm (H 775 X W 300 X T190)	20.00	1091.00	R.M.	21820.00
B	Size in mm (H 480 X W 300 X T150)	10.00	380.00	R.M.	3800.00
42	Supplying and fixing RCC collar (300 mm dia) for tree plantation including all taxes, carting, loading, unloading etc. complete.with all labour, material charge etc. complete as per details in tender specification & as directed by engineer in charge.(SOR 2024-25)	30.00	60.00	No.	1800.00
43	Dismantling of structures on roadways, including disposal of unserviceable material free of cost in permanent work as directed by the engineer with all leads and lifts etc. complete.(A) Metalled road (SOR 2024-25)	20.00	155.25	C.M	3105.00
	(B) Asphalt road (SOR 2023-24)	20.00	288.65	C.M	5773.00
Total Rs.					7784318.45

Executive Engineer,
South Zone-A (Udhana)
Surat Municipal Corporation.