

**SURAT MUNICIPAL CORPORATION**  
**WEST ZONE (RANDER)**

**NAME OF WORK :** PROVIDING & FIXING KOTA STONE/PAVER BLOCK FOOTPATH / STREETS , WATER TABLE, PCC ,GAURD STONE AND REPAIRING OF BRTS RAILING AT VARIOUS PLACES IN PAL DEPOT AREA OF WEST ZONE (RANDER) (3RD ATTEMPT).

**SCHEDULE-B**

**S.O.R. : 2023-24**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	RATE Rs. (Without GST & With Cess)	AMOUNT Rs.
1	Excavation the road surface upto required depth including removing the excavated materials and depositing on the road side upto 50 mt. Lead etc. complete and as directed by engineer in charge.	300.00	C.M.	104.20	31,260.00
2	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) Unreinforced Cement Concrete (P.C.C.)	20.00	C.M.	609.26	12,185.20
	(B) Bituminous Pavement	40.00	C.M.	288.65	11,546.00
	(C) Non Bituminous Pavement	40.00	C.M.	155.25	6,210.00
	(D) Removing existing kotah stone/Paver block	900.00	S.M.	47.72	42,948.00
3	Preparation of subgrade with Compacting, Levelling and consolidation of subgrade with miniroller /plate vibrator machine including watering and filling in depressions which occur during the process as directed by engineer in charge.	3183.07	S.M.	4.93	15,692.54
4	Supplying & filling fine sand(pana) in upto 150 mm compacted thickness over the base including necessary compaction, watering etc. complete. Item includes leveling by using vibratory plates compacted machine.	1200.00	C.M.	413.09	4,95,708.00
5	Providing & laying cement concrete 1:2:4 (1 part of cement, 2 part of coarse sand, 4 part of graded stone aggregate of 20 mm nominal size) including providing & fixing reinforcement as specified in drawing with necessary bending, binding and placing in position and also including formwork of sheating of steel sheet so as to form exposed finished surface with necessary centaring, shutteing, propping etc. complete and as directed by engineer in charge.				
	(A) R.C.C. kerb 450mm depth and 100mm width	20.00	Rmt.	608.99	12,179.80
	(B) R.C.C. kerb 300mm depth and 100mm width.	100.00	Rmt.	437.49	43,749.00
6	Providing & setting 35 to 50 mm thick rough kotah stone paving for footpath in line, level and in proper 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 of 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 directed by Engineer in charge.	150.00	S.M.	312.57	46,885.50
7	Providing & setting 50 to 60 mm thick rough kotah stone water table in line, level and in required gradient including 25 mm thick bedding in 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 of 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 directed by Engineer in charge.				
	(a) 2' 00" x 1' 00"	140.00	Rmt.	118.87	16,641.80
	(b) 1.00" x 1' 00" (40 to 50 mm thick)	200.00	Rmt.	120.59	24,118.00

ITEM NO.	[ 2 ] DESCRIPTION	QUANTITY	UNIT	RATE Rs. (Without GST & With Cess)	AMOUNT Rs.
8	Providing & setting 60 to 75 mm thick rough kotha stone kerb stone ( size 610 mm x 305 mm) in line, level and in truly vertical position, including joints in C.M. 1:3 ( 1 prt of cement : 3 part of coarse sand) 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	25.00	Rmt.	109.59	2,739.75
9	Dismantling carefully existing guly trap chamber upto required depth & raising the same upto new footpath level with B.B. masonry in C.M. 1:6 (1 part of cement : 6 part of coarse san) including 12 mm thick cement plaster in C.M. 1:3 (1 part of cement : 3 part of coarse sand) and fixing C.I. cover etc. complete and as directed by engineer in charge.	75.00	No.	493.29	36,996.75
10	Dismantling carefully existing Sewer trap chamber upto required depth & raising the same upto new footpath level with B.B. masonry in C.M. 1:6 ( 1 part of cement : 6 part of coarse sand) including 12 mm thick cement plaster in C.M. 1:3 ( 1 part of cement : 3 part of coarse sand) and fixing C.I. cover etc. complete and as directed by Engineer in charge.	75.00	No.	659.87	49,490.25
11	Removing & resetting rough kotah stone paving for footpath in line, level and in proper 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 partof cement : 3 part of 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 directed by Engineer in charge	700.00	S.M.	155.51	1,08,857.00
12	Removing & resetting rough kotah stone water table for footpath in line, level and in required gradient including 25 mm thick bedding in 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 of 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 directed by Engineer in charge.	700.00	Rmt.	61.94	43,358.00
13	Removing resetting existing rough kotah stone kerb stone or in required size & thickness in line, level and in truly vertical position, including joints in C.M. 1:3 ( 1 prt of cement : 3 part of coarse sand) 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.	100.00	Rmt.	48.66	4,866.00
14	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.	504.00	C.M.	2517.44	12,68,789.76
15	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.	600.00	RMT	228.00	1,36,800.00
	For rounding at the edge of footpath (For fanning portion)	50.00	RMT	274.00	13,700.00

ITEM NO.	[ 3 ] DESCRIPTION	QUANTITY	UNIT	RATE Rs. (Without GST & With Cess)	AMOUNT Rs.
16	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.				-
	(With colour)	400.00	Smt.	524.00	2,09,600.00
	Without colour	1000.00	Smt.	524.00	5,24,000.00
17	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.	700.00	Smt.	553.00	3,87,100.00
	For Road Junction 80 mm thick ( M-50)	400.00	Smt.	714.00	2,85,600.00
18	Providing and laying PLAIN CEMENT CONCERETE M-200-(1:1.5:3) (1 cement, 1.5 coarse sand, 3 stone Aggregate of 20mm nominal size) for raising / lowering the existing manhole cover (with frame) of drainage water supply, sewer trap chamber, Gas chamber, scrapper manhole frame & cover and/or chambers of any utility services upto the newly carpeted / re-carpeted road surface including in C.M. 1:3 on both side etc. complete.	25.00	No.	583.55	14,588.75
19	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.	4500.00	Smt.	102.00	4,59,000.00
20	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.	30.00	C.M.	3637.34	1,09,120.20
21	Removing & Reseting existing readymade C.C. kerb stone	400.00	R.mt.	56.00	22,400.00
22	Painting two coats of enamel paint (Excluding priming coat) over previously painted wall with even shade & surface after removing dirt, dust foreign matter etc. complete.	800.00	S.M.	60.00	48,000.00
23	Providing & fixing M.S.Grills of required pattern to as directed by Engineer Incharge. 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 or as per directed by Engineer incharge or Drawing attatched incl. Priming coat of Red lead paint etc. comp.	900.00	Kg	104.20	93,780.00

ITEM NO.	DESCRIPTION [ 4 ]	QUANTITY	UNIT	RATE Rs. (Without GST & With Cess)	AMOUNT Rs.
24	Fabricating and fixing in position MS railing using structural steel TATA/JINDAL/ Asian sections of YST 310 grade using hollow box sections, plates, angles, tees, pipes, MS square polished bars as per drawing. The rates shall include all kinds of welding, nut bolting, anchor bolting and grouting the bolts using non-shrink cementitious grouts of Sika or Fosroc make or The contractor shall be responsible in recting the railing assembly in the desired line, level and alignment. The railing shall be firmly fixed to the foundation concrete blocks and shall be in place once fixed. The rates excluding excavation and foundation concrete and including for marking of foundation pits, placing the same in alignment of the road as directed by the Engineer in charge and or as per drawing with Priming coat of Red lead paint etc. comp.	250.00	RMT	1270.00	3,17,500.00
25	Providing & applying painting two coats at all levels on new steel other metal surface with synthetic enemal paint, brushing interior to give an even shade incl. cleaning the surface of all dirt, dust & other foreign matter etc. Comp. (A) For plain grill/ Railling For all Floor	800.00	S.M.	65.31	52,248.00
26	Providing and laying cement concrete guardstone in proportion 1:1:5:3 (1 Cement : 1.5 Coarse Sand : 3 Graded Stone Aggregate 20 mm nominal size) size and shape as per the drawing including necessary excavation steel form work and white Washing etc. complete (Cement and Steel contractor own supply).				
	600 MM X 225 MM 400 MM size	200.00	No.	378.00	75,600.00
27	Providing and laying cement concrete guardstone in proportion 1:2:4 (1 Cement : 2 Coarse Sand : 4 Graded Stone Aggregate 20 mm nominal size) size and shape as per the drawing including necessary excavation steel form work and white Washing etc. complete (Cement and Steel contractor own supply).				
	750 MM X 350 MM 400 MM size	800.00	No.	551.00	4,40,800.00
28	Providing & laying ordinary cement con.1:1.5:3(1cement:1.5sand:3 graded graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Incl.. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : (A) Stair cases including landings etc.				
	Ground Floor	0.00	C.M.	7380.20	0.00
	First Floor	0.00	C.M.	7419.85	0.00
	Second Floor	0.00	C.M.	7459.49	0.00
	Terrace (third) Floor	0.00	C.M.	7499.13	0.00
	<b>(B) Vertical and horizontal fins</b>				
	Ground Floor	25.00	C.M.	10831.75	2,70,793.75
	First Floor	0.00	C.M.	10871.40	0.00
	Second Floor	0.00	C.M.	10911.04	0.00
	Terrace (third) Floor	0.00	C.M.	10950.68	0.00
29	Providing & fixing IS Mark TMT Bar FE 500d reinforcement for R.C.C. work incl. bending, binding & placing in position etc.comp.---	0.00	KG	76.21	0.00
	Ground Floor				
	First Floor	1000.00	KG	77.21	77,210.00
	Second Floor	0.00	KG	78.21	0.00
	Terrace (third) Floor	0.00	KG	79.21	0.00
30	Removing and scraping of old deteriorated plaster of any thickness from wall / RCC member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	2500.00	sm	19.57	48,925.00

ITEM NO.	DESCRIPTION [ 5 ]	QUANTITY	UNIT	RATE Rs. (Without GST & With Cess)	AMOUNT Rs.
31	Providing and applying single coat of bonding agent mixed with cement in 1:1 proportion the bonding agent should be SBR based having a minimum solid contents of 40 % and the plaster has to be applied immediately after the application of the bonding agent. Approved barnds for this are CERA CHEM / NEROLAC PERMA / SIKA OR EQUIVALANT or appved by engineering charge.	2500.00	sm	37.40	93,500.00
32	Providing & Applying 15mm.th .cement plaster in single coat on brick / concrete walls similar surfaces for plastering & finished even & smooth with a floting coat of cement slurry mixed with admixture of lime of neeru in required prooportion etc.comp.C.M 1:3(1 cement :3 sand) (A) For wall and similar surfaces --Ground Floor	2500.00	sm	237.51	5,93,775.00
33	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.	2500.00	S.M.	82.00	2,05,000.00
Total Rs.					67,53,262.05

Contractor's Sign

EXECUTIVE ENGINEER  
WEST ZONE (RANDER)  
SURAT MUNICIPAL CORPORATION