

Surat Municipal Corporation
South West (Athwa) Zone
Housing Deptt

**NAME OF WORK :- MAINTENANCE AND REPAIRING WORK OF VARIOUS MUNICIPAL SCHOOL BUILDINGS IN SUB ZONE 4
IN SOUTH WEST (ATHWA) ZONE.**

Tender (On Line) Notice No.Dy.Commissioner / S.W.(Athwa) Zone/ No.01/ 2026-2027

WORK NO. 11
SCHEDULE- B

ITEM NO.	ITEM	S.O.R. 2024-25 (without GST and with cess)			
		QTY.	RATE	PER	AMOUNT IN RS.
1	Excavation for foundation includ.sorting out & stacking of useful materials & disposing of the excavated stuff upto 50 mt. Lead & all lift, watering etc. Comp. (A) Loose or Soft soil Executed With Mechanised Efforts / Machinaries				
	(1) Up to 1.5 Mt. depth	35.00	123.13	C.M.	4309.55
	(2) 1.5 to 3.0 Mt. depth	10.00	136.47	C.M.	1364.70
	(3) 3.0 to 5.0 Mt. depth	0.00	149.65	C.M.	0.00
2	Excavation for foundation includ.sorting out & stacking of useful materials & disposing of the excavated stuff upto 50 mt. Lead & all lift, watering etc. Comp. (A) Loose or Soft soil Executed With Manual Labours				
	(1) Up to 1.5 Mt. depth	40.00	212.52	C.M.	8500.80
	(2) 1.5 to 3.0 Mt. depth	10.00	235.05	C.M.	2350.50
	(3) 3.0 to 5.0 Mt. depth	0.00	257.57	C.M.	0.00
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 form work in :Foundation & Plinth	2.00	2606.92	C.M.	5213.84
4	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	5.00	2769.69	C.M.	13848.45
5	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	15.00	3095.25	C.M.	46428.75
6	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.	15.00	4250.50	C.M.	63757.50
7	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. Includ. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : Up to G.L./P.L. (A) COLUMNS:				
	(1)Having c/s area up to 0.08 s.mt	8.00	12844.32	C.M.	102754.56
	(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	0.00	11166.97	C.M.	0.00
	(3) Having cross sectional area more than 0.12 sq. mt.	0.00	9201.68	C.M.	0.00
	(B) BEAMS :				
	(1)Having c/s area up to 0.08s.mt	8.00	9102.61	C.M.	72820.88
	(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	0.00	8174.41	C.M.	0.00
	(3) Having cross sectional area more than 0.12 sq. mt.	0.00	7086.88	C.M.	0.00
8	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.	500.00	77.29	Kg.	38645.00
9	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 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks	10.00	4441.11	C.M.	44411.10
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.	15.00	136.92	C.M.	2053.80
11	Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete.	15.00	301.78	C.M.	4526.70
12	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	30.00	347.42	S.M.	10422.60
13	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. Incl.. Cost of form work but excl. Cost of reinforcement for R.C.C. Work in : (A) COLUMNS:				
	(1)Having c/s area up to 0.08 s.mt- Ground Floor	10.00	12844.32	C.M.	128443.20
	First Floor	0.00	12885.28	C.M.	0.00
	Second Floor	0.00	12926.24	C.M.	0.00
	Terrace (third) Floor	0.00	12967.19	C.M.	0.00
	(2) c/s area more than 0.08sq. mt. & upto 0.12 sq.mt - G.F	10.00	11166.97	C.M.	111669.70
	First Floor	0.00	11207.92	C.M.	0.00
	Second Floor	0.00	11248.88	C.M.	0.00
	Terrace (third) Floor	0.00	11289.83	C.M.	0.00
	(3) Having cross sectional area more than 0.12 sq. mt. -- G.F	8.00	9201.68	C.M.	73613.44
	First Floor	0.00	9242.63	C.M.	0.00
	Second Floor	0.00	9283.59	C.M.	0.00
	Terrace (third) Floor	0.00	9324.54	C.M.	0.00
	(B) BEAMS :				
	(1)Having c/s area up to 0.08s.mt- Ground Floor	10.00	9102.61	C.M.	91026.10
	First Floor	0.00	9143.56	C.M.	0.00
	Second Floor	0.00	9184.52	C.M.	0.00
	Terrace (third) Floor	0.00	9225.47	C.M.	0.00

	(2) Having c/s area more than 0.08 s.m. & upto 0.12 s.m - G.F	10.00	8174.41	C.M.	81744.10
	First Floor	0.00	8215.36	C.M.	0.00
	Second Floor	0.00	8256.32	C.M.	0.00
	Terrace (third) Floor	0.00	8297.27	C.M.	0.00
	(3) Having cross sectional area more than 0.12 sq. mt. -- G.F	0.00	7086.88	C.M.	0.00
	First Floor	0.00	7127.84	C.M.	0.00
	Second Floor	0.00	7168.79	C.M.	0.00
	Terrace (third) Floor	0.00	7209.75	C.M.	0.00
	(C) SLABS :				
	(2) Slabs having more than 8cm. and upto 10 cm. Th'- G.F	8.00	7984.42	C.M.	63875.36
	First Floor	0.00	8025.37	C.M.	0.00
	Second Floor	0.00	8066.33	C.M.	0.00
	Terrace (third) Floor	0.00	8107.28	C.M.	0.00
	(3) Slabs having more than 10 cm. & upto 13 cm. Th'- G.F.	8.00	7396.96	C.M.	59175.68
	First Floor	0.00	7437.92	C.M.	0.00
	Second Floor	0.00	7478.87	C.M.	0.00
	Terrace (third) Floor	0.00	7519.83	C.M.	0.00
	(4) Slabs having more than 13 cm. Thickness -- G.F	8.00	6813.01	C.M.	54504.08
	First Floor	0.00	6853.96	C.M.	0.00
	Second Floor	0.00	6894.92	C.M.	0.00
	Terrace (third) Floor	0.00	6935.87	C.M.	0.00
	(D) LINTELS: -- G.F	8.00	9982.37	C.M.	79858.96
	First Floor	0.00	10023.32	C.M.	0.00
	Second Floor	0.00	10064.28	C.M.	0.00
	Terrace (third) Floor	0.00	10105.23	C.M.	0.00
	(E) CHAJJAS: -- G.F	8.00	5576.81	C.M.	44614.48
	First Floor	0.00	5617.76	C.M.	0.00
	Second Floor	0.00	5658.72	C.M.	0.00
	Terrace (third) Floor	0.00	5699.67	C.M.	0.00
14	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	10.00	7698.11	C.M.	76981.10
	First Floor	0.00	7739.06	C.M.	0.00
	Second Floor	0.00	7780.02	C.M.	0.00
	Terrace (third) Floor	0.00	7820.97	C.M.	0.00
	(B) Vertical and horizontal fins				
	Ground Floor	10.00	11613.07	C.M.	116130.70
	First Floor	0.00	11654.03	C.M.	0.00
	Second Floor	0.00	11694.99	C.M.	0.00
	Terrace (third) Floor	0.00	11735.94	C.M.	0.00
15	Providing & fixing IS Mark TMT Bar FE 500d reinforcement for R.C.C. work incl. bending, binding & placing in position etc.comp.--Ground Floor	500.00	77.29	Kg.	38645.00
	First Floor	0.00	78.34	Kg.	0.00
	Second Floor	0.00	79.39	Kg.	0.00
	Terrace (third) Floor	0.00	80.44	Kg.	0.00
16	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg/Sq.Cm. in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks Ground Floor	50.00	4729.83	C.M.	236491.50
	First Floor	20.00	5018.55	C.M.	100371.00
	Second Floor	5.00	5307.27	C.M.	26536.35
	Terrace (third) Floor	0.00	5595.99	C.M.	0.00
17	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	30.00	712.81	S.M.	21384.30
	First Floor	20.00	719.37	S.M.	14387.40
	Second Floor	5.00	725.94	S.M.	3629.70
	Terrace (third) Floor	0.00	732.50	S.M.	0.00
18	Uncoursed rubble masonry with hard stone of approved quality in foundations and plinth in cement mortar 1:6 (1 Cement : 6 sand) including leveling up etc. complete.	0.00	2586.61	C.M.	0.00
19	Providing Rubble Pitching with hard stone of approved quality in cement mortar 1:6 (1 Cement : 6 Coarse sand) including leveling up ,Curing etc. complete excluding pointing	0.00	2550.00	C.M.	0.00
20	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and between returns as directed.	0.00	1094.11	C.M.	0.00
21	Providing & Applying 10mm.th.cement plaster in single coat on brick/ concrete walls similar surfaces for plastering & finished even & smooth with a floating coat of cement slurry mixed with admixture of lime or neeru in required proportion etc. comp. in C.M 1:3 (1 cement : 3sand) (A) For wall and similar surfaces -- Ground Floor	50.00	199.28	S.M.	9964.00
	First Floor	10.00	228.84	S.M.	2288.40
	Second Floor	5.00	258.39	S.M.	1291.95
	Terrace (third) Floor	0.00	287.94	S.M.	0.00
	(B) For ceilings &soffits of stairs				0.00
	Ground Floor	10.00	225.34	S.M.	2253.40
	First Floor	5.00	254.89	S.M.	1274.45
	Second Floor	5.00	284.45	S.M.	1422.25
	Terrace (third) Floor	0.00	314.00	S.M.	0.00
22	Providing & Applying 15mm.th.cement plaster in single coat on brick/ concrete walls similar surfaces for plastering & finished even & smooth with a floating coat of cement slurry mixed with admixture of lime or neeru in required proportion etc. comp. in C.M 1:3 (1 cement : 3sand) (A) For wall and similar surfaces -- Ground Floor	0.00	249.39	S.M.	0.00

23	20mm thick sand faced cement plaster on walls for height more than 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	40.00	347.42	S.M.	13896.80
24	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.	30.00	286.10	S.M.	8583.00
25	Providing & Applying 20mm. Th. Heavy Roller plaster on walls or similar surfaces at all floor levels consisting of 12 mm av. Th. Backing coat of C.M. 1:3 (1 cement:3 sand) & 8 mm. th. Finishing coat of C.M. 1:1 (1 cement: 1 sand) apply thick cement slurry and apply roller horizontal as well as vertical (two times) up to good quality and size of grain in elevation as per directed by engineer incharge.	20.00	324.00	S.M.	6480.00
26	Providing throating or plaster drip and moulding it to R.C.C. chajja etc. comp.. For all floor	10.00	43.74	R.M.	437.40
27	Providing 20 mm deep finished groove in plaster in line and level etc. Comp. For all Floor (M.R.)	10.00	50.00	R.M.	500.00
28	Providing and laying precast terrazo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(A) Light shades using white cement	20.00	647.25	S.M.	12945.00
29	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	30.00	1019.39	S.M.	30581.70
30	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 slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	30.00	1130.79	S.M.	33923.70
31	Providing & Laying white glazed tiles 6mm. th. of Orient, Kajaria,Jhonson, Nitco, Somani ,Bell make at all floor levels, in flooring , treads of steps & landings laid on a bed of 12 mm. Av. Th.C.M.1:3(1cement : 3 sand) finished with flush pointing in white cement etc.com. For all floors	30.00	900.29	S.M.	27008.70
32	Providing & Laying white glazed tiles 6mm. th. Of Orient, Kajaria, Jhonson,Nitco,Somani,Bell make at all floor levels in skirting risers of steps & dado on 10 mm. th. C.M.1:3(1cement :3 sand) including necessary cement paste for fixing and jointed with white cement slurry etc. complete. For all floors	30.00	932.02	S.M.	27960.60
33	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement.	30.00	960.42	S.M.	28812.60
34	Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry	30.00	1037.25	S.M.	31117.50
35	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.	0.00	2246.54	S.M.	0.00
36	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.)	5.00	2410.00	S.M.	12050.00
37	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.)	5.00	2449.00	S.M.	12245.00
38	Providing & laying granite slab 18mm thick in Window-Door seal Frame Etc laid on 10mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand) with nessary adhesive material and finished with flush pointing in white or colour cement, including rubbing & polishing comp.. (Basic Rate:- Rs.1000.0/S.M.)	15.00	2026.00	S.M.	30390.00
39	Labour Charges For Edge Finished For Granite	15.00	43.43	R.M.	651.45
40	Providing & laying Vitrified tiles of 8mm 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 dismantling of existing flooring and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. comp. Size 24" x 24" For Antiskid tiles	15.00	1467.72	S.M.	22015.80
41	Providing and laying Vitrified tiles 8 to 10 mm thick, 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.	15.00	1092.37	Sqm.	16385.55
42	Providing and laying Vitrified tiles 8 to 10 mm thick, 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	15.00	1135.80	Sqm.	17037.00
43	Providing and laying Vitrified tiles 8 to 10 mm thick, 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1 cement : 3 coarse sand) finishing with flush pointing in white cement.	15.00	1531.82	Sqm.	22977.30
44	Providing and laying Vitrified tiles 8 to 10 mm thick, 36" x 36" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and jointed with white cement slurry.	15.00	1592.40	Sqm.	23886.00

45	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.	25.00	545.76	S.M.	13644.00
46	Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1 cement : 5 coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1 cement : 2 stone dust) etc. (A) 25mm thick	0.00	576.79	S.M.	0.00
47	Providing and laying cement concrete flooring 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 20mm nominal size) laid in one layer finished with a floating coat of neat cement				
	(A) 40mm thick	10.00	319.03	S.M.	3190.30
	(B) 50mm thick	0.00	374.14	S.M.	0.00
48	Providing & fixing 35mm.th. Flush Door Solid Double Core type Both Face water proof Ply Vennered & 1.5 mm th.laminate shall be pasted on both side with adhesives as specified by the manufacturers.The laminate shall be as per approved shade & texture, of make incl. Sal wood frames of finished size 12cm x 7cm.incl. S.S. Hinges with nessary screws & Anodized aluminum fixtures & fastenings For all Floor	5.00	3720.00	S.M.	18600.00
49	Same as Above But Without Frame	5.00	2520.00	S.M.	12600.00
50	Providing & fixing 35mm.th. Indian teak wood shutters for doors, windows & clearstory windows incl. Indian teak wood frames of finished size 12cm x 7cm.incl. anodized aluminum fixtures & fastenings incl. Primer coat of approved quality & two coats of oil painting etc. For all Floor (A) Fully Panelled	5.00	5533.68	S.M.	27668.40
	(B) Partly Panelled and Partely Galzed	5.00	5185.03	S.M.	25925.15
	(C) Fully Galzed	5.00	4836.39	S.M.	24181.95
51	Providing and fixing 35mm thick shutters for Doors, windows and clearstory windows including anodised aluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled.	5.00	4101.06	S.M.	20505.30
52	Providing and fixing FRP FRAME size 125 x 65 mm and 35 mm thick FRP shutter with wood grain raised panneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ along with embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof,termite proof &resistance to mild acid/alkali. Rates are to be inclusive of S.S.hinges with fastener sleeve & alluminium fixtures & fastenings.	20.00	2019.98	S.M.	40399.60
53	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	600.00	109.41	Kg.	65646.00
54	Providing & fixing in position collapsible steel shutters with vertical channels 20 x10 x 2 mm. Braced with flat iron diagonals 20 x5mm size with top & bottom rails of T-iron 40x40x6mm. with 38mm dia. steel pulleys comp. with bolts, locking arrangements, stoppers, handles incl. applying a priming coat of Redlead paint etc. comp.	50.00	6158.35	S.M.	307917.50
55	Providing and fixing M.S. Fan clamps type 1 to 16 mm dia M.S. bar bent to shpe with hooked ends to RCC slabs curing, layig including painting the exposed portion of loops, all as per standard design complete.	9.00	135.47	Each	1219.23
56	Providing & laying ordinary C.C.1:1.5:3 mix for R.C.C. work incl. boxing, centering, vibrating, curing & mixed with approved water proofing cement compound or "CEMWET"or"PIDICRETE LW"integral water proofing admixture as water proofing agent to be mixed with 50 kg. cement bag shall be as recommended by the manufacture of the water proofing material, concrete work for top, bottom slab & side pardi for Under ground Tank & Item incl. Necessary excavation & refilling the available earth, 15 cm th' C.C 1:4:8 for bedding concrete, Half B.M. in C.M. 1:4 outside wall, inside R.C.C. pardi as per design, 10mm.th. water proofing cement plaster in C.M. 1:3 with smooth finishing,watering etc.Comp.to all inner face & bottom of tank curing etc. comp. incl. Locking arrangement, outlet, inlet, overflow & wash out pipe arrangement as necessary & C.I. Cover 0.60 x .045 weight not less then 35kg. etc. com. as per structural drawing excluding Steel & as directed by Engineer-in-charge				
	Underground tank	10000.00	6.87	Lit.	68700.00
57	Providing and filling in depressions of Bath and W.C. At all floor levels, after completing plumbing work of pans, pipes,traps etc. with cinder or fly ash as directed by Engineer in charge etc. comp..	10.00	500.00	C.M.	5000.00
58	NOTE :- (1) The whole work is to be executed through specialized agency with a guarantee of 10 (Ten) years given on a prescribed proforma duly stamped (2) The rate shall include for work at all floors & conducting water proof test as directed. (M.R.)				
	(A) Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C.,kitchen and the like consisting of : (a) I course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS : 2645 in recommended proportions. (b) II course of a layer of plaster in C.M. 1:3 with water proofing compound conforming to IS:2645 about 25 mm. th' in the floor of the depression & about 18mm th' On the side walls of the depression up to the floor level, water proofing plaster about 18 mm. th' be continued on the walls above the floor level for a height of 600 mm. with surface suitable to receive further treatment (c) Finishing top with stone aggregate 10mm to 12mm nominal size spreading @0.008 C.M./S.M., thoroughly embedad in plaster layer. as per specifications & instructions of Engineer in charge (Cement consumption 0.316 Bags / S.M.)	20.00	296.00	S.M.	5920.00

	(B) Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the R.C.C. slab including cleaning the surface before treatment. (b) Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 Cement : 5 Coarse sand) admixed with proprietary water proofing compound conforming to IS:2645 ,brick bats is finally covered by jointless cement plaster 20mm th. in C.M. 1:4 added with special water proofing compound conforming to IS:2645 & top smooth finished with trowel with false chequered marking of 300 mm.size.The treatment is carried along the vertical surface of the parapet & other adjoining wall up to height of about 300 mm in a shape of quarter round vata Incl. curing etc. Comp. With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	20.00	511.00	S.M.	10220.00
	(c) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be down in order and as directed and specified by the engineer-in-charge. With average thickness of 120 mm and minimum thickness at khurra as 65 mm. (Cement consumption 0.511 Bags / S.M.)				
59	Providing & laying water proofing treatment to vertical and horizontal surfaces like consisting of (a) I course of applying cement slurry 4.4 kg per sq.mt. mixed with water proofing compound conforming to IS:2645 in recommended proportions. (b) II course of 20mm cement plaster 1:3 mixed with water proofing compound in recommended proportion (c) III course of applying blown or / residual bitumen applied hot at 1.7 kg per sqm of area. (d) IV course of 400mm micron th. PVC sheet. (Overlaps at joints of PVC sheet should be 200mm wide and pasted to each other with bitumen about 1.7 kg./ sqm.)	20.00	505.00	S.M.	10100.00
60	Providing & fixing G.I. Rain water spout of 50 mm.dia & 30 cm length etc.	10.00	101.91	No.	1019.10
61	Providing & fixing at all floor levels, both face polished machine cut edge green kota stone slab (30mm) for urinal partition joined with grey cement slurry (1:1) incl. Rubbing & polishing etc. complete. (M.R.)	10.00	900.00	S.M.	9000.00
62	Providing & fixing at all floor levels, both face polished machine cut edge Marble slab for urinal partition joined with grey/White cement slurry (1:1) incl. Rubbing & polishing etc. complete. (M.R.) (Basic Cost- Rs. 450/S.M.)	10.00	1050.00	S.M.	10500.00
63	Prov. & Fixing water closet squatting pan (Indian type W.C.pan) at all floor levels, size 580mm incl. 100 mm size "P" or "S" trap for water closet squatting pan joining the trap with the pan & soil pipe in C.M. 1:1 (1cement :1 fine sand) etc. Comp.(A) Vitreous china long pattern of approved colour For all Floor	5.00	1471.41	No.	7357.05
64	Providing and fixing Wash Down Water closet European type W.C. pan with integral P or S trap including jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 find sand) (seat and cover to be measured and paid for separately) (A) Vitreous china pattern - I (i) in approved colour	5.00	1356.81	Each	6784.05
65	Providing and fixing plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers (B) Plastic seat and cover.	5.00	291.33	Each	1456.65
66	Providing & fixing wash basin with single hole for pillar tap at all floor levels, with C.I. or M.S. Brackets painted white incl. cutting holes & making good the same incl. fittings such as pillar tap , capstan head screw down high pressure with screws, shanks & back nuts, C.P. Brass waste trap , screw down stop tap 15 mm. dia. etc. complete. (A) Vitreous china flat back wash basin 550 mm.x 400 mm. size in approved colour For all Floor	5.00	2132.94	No.	10664.70
67	Providing & fixing Urinal or approved quality including connecting the Urinal with waste pipe, tap etc. complete. (A) White earthenware flat back or corner type size 430 mm x 260mm x 350mm	5.00	1074.86	Each	5374.30
68	Providing & fixing 600 mm.x 450 mm. mirror of superior glass at all floor levels, mounted on 6 mm. th. A.C. sheet or plywood sheet & fixed to wooden plugs with C.P.brass screws and washers etc. For all Floor	5.00	859.41	No.	4297.05
69	Providing & fixing C.P. brass pillar cock with copper connection, C.P. brass screws complete Make- Cera F2013101, HindWare Cat. No.: F650003, Jaquar FLR-5011N	1.00	1457.97	NO.	1457.97
70	Providing & Fixing 15 mm Dia bib tap with wall Flange at all floor levels, polished bright etc. comp. Make- Cera F2013151 BIB COCK, HindWare F280002 BIB COCK,Jaquar FLR-5047 N BIB COCK	11.00	1353.77	NO.	14891.47
71	Providing & Fixing 15 mm Dia 2 way bib tap with wall Flange at all floor levels, polished bright etc. comp. Make- Cera F2013163, HindWare Cat. No.: F530004, Jaquar FLR-5041N	1.00	1828.81	NO.	1828.81
72	Providing flush cock consisting lever, cartridge sleeve & flange & concealed part Make- Cera EXPOSED PART F2013751 & Concealed part F4060101 , Jaquar FLR 5083 KN , CONCEALED BODY ALD-081,HINDWARE F730013 & CONCEALED STOP COCK F850095	1.00	2056.47	NO.	2056.47
73	Providing & fixing 15mm C.P. brass angle valve (Stop Cock) with C.P. copper connecting pipe 450 mm long and nuts, washer and brass flange complete, including cutting and making good the wall where required. Make- Cera F1020362, HindWare Cat. No.: F440020 F850094, jaquar CON 053 KN	1.00	1564.36	NO.	1564.36
74	Providing and fixing Wash Down Water closet European type W.C. pan with integral P or S trap with normal closing seat cover L bend ncluding jointing the trap with soil pipe in cement mortar 1:1 (1 cement : 1 find sand) (A) Vitreous china pattern - I Make- Cera CONVENTIONAL B1510121 , HindWare sleek 20011, Jaquar- CNS-WHT-751P180SPZ	1.00	3530.09	NO.	3530.09
75	Providing & fixing Wash Hung basin with single hole for pillar tap , Size- 550 x 400 mm at all floor levels, with C.I. or M.S. Brackets painted white incl. cutting holes & making good the same etc. complete. For all Floor Make- Cera Cat. No. S2040121, Jaquar SLS- WHT -6801,HindWare10004	1.00	3276.63	NO.	3276.63

76	Providing & fixing white vitreous china urinal of size 450 x325mm as per IS-2556 (Part-2) with C.I. hangers and 15mm dia. C.P. spreader, 32mm dia CP bottle trap and pipe to wall with C.P. flange complete including cutting and making good the walls and floors wherever required.				
	Make- CeraCat. No. S4020103, Jaquar URS-WHT-13261H ,HindWare BACK SMALL 60001	1.00	2535.70	NO.	2535.70
77	Providing & fixing of overhead shower 80 mm (3") dia with 3 flow with Overhead Shower arm 200 mm with wall flange complete				
	Make- Cera F7010602AB, Jaquar OHS-1989 ,HindWare Cat. No.:F160144	1.00	1526.42	NO.	1526.42
78	Providing and fixing Towel Ring fabricated from seamless stainless steel tube 2mm thick in bath room with polished wall flange at end of bars with heavy duty anchor fasteners & accessories.				
	Make- Cera F5014115CH, Jaqua ACN-1121N ,HindWare F880007	1.00	924.24	NO.	924.24
79	Providing & fixing S.S.towel rail of 600 mm long approved make including, providing & fixing C.P. brass screws, making holes in walls & making good.				
	Make- Cera F5015103CH,Jaquar 1111BSM ,HindWare F880005T	1.00	1100.42	NO.	1100.42
80	Providing & Fixing stainless steel recessed type Soap dish of approved make. Including providing & fixing screws, washers, cutting & making good the walls.				
	Make- Cera F5007106, Jaquar ACN-1131N ,HindWare F880011	1.00	839.91	NO.	839.91
81	Prov.& Fixing water closet squatting pan (Orissa type W.C.pan) at all floor levels, size 500mm x 400 mm incl. 100 mm size "P" or "S" trap for water closet squatting pan joining the trap with the pan & soil pipe in C.M. 1:1 (1 cement :1 fine sand) etc. Comp.(A) Vitreous china long pattern				
	Make- Cera S3010109, Jaquar ,HindWare 20143	1.00	3277.39	NO.	3277.39
82	Prov.& Fixing Health Faucet ABS Body with wall Hook and 1 Meter chrome plated PVC Hose Pipe.				
	Make- Cera F8030106AB, Jaquar ALD-587 ,HindWare F160109	1.00	1009.90	NO.	1009.90
83	Providing & fixing white vitreous china Ladies urinal of size 470 x360X100 mm and 15mm dia. C.P. spreader, and pipe to wall complete including cutting and making good the walls and floors wherever required.				
	Make- Cera 4040101 ,HindWare 60003	1.00	2316.05	NO.	2316.05
84	Providing & fixing Paper holder with flap guard of 150 mm long approved make including, fixing C.P. brass screws, making holes in walls & making good.				
	Make- Cera f5002110, Jaquar AHS-1551 ,HindWare F890003	1.00	1751.51	NO.	1751.51
85	Providing & Fixing pressmatic bib tap with wall Flange at all floor levels, polished bright etc. comp.				
	Make- Cera F9020151, Jaquar PRS-043 ,HindWare F310016	1.00	1842.06	NO.	1842.06
86	Providing Metropole Flush Valve Dual Flow 40mm Size (Concealed Body)				
	Make- Cera F8010202 , Jaquar FLV-1089NSQ ,HindWare F860075	1.00	3500.99	NO.	3500.99
87	Providing Sink Cock with Regular Swinging Spout				
	Make- Cera F2008251, Jaquar FLR-5347N ,HindWare F650013	1.00	1785.90	NO.	1785.90
88	Prov. & Fixing S.W. Gully trap with C.I.grating brick masonry (C.M 1:5)chamber & water tight C.I. cover with frame of 300mmx300mm size (inside) with weight includ. plastering smooth inside & outside 15mm. th' in C.M.1:3 etc. comp. (i) Square mouth traps---	5.00	1292.19	No.	6460.95
	(A) 100mm x 100mm Size -P type				
	(B) 150mm x 100mm Size- P Type	5.00	1246.92	No.	6234.60
89	Prov. & Fixing S.W. Gully trap with C.I.grating brick masonry (C.M 1:5)chamber & water tight Pre cast R.C.C. cover of 300mmx300mm size (inside) includ. plastering smooth inside & outside 15mm. th' in C.M.1:3 etc. comp. (i) Square mouth traps---	5.00	1098.05	No.	5490.25
	(A) 300mm x 300mm Size -P type				
	(B) 150mm x 100mm Size- P Type	5.00	1052.77	No.	5263.85
90	Prov. & Fix. 10 cm.x15 cm.(4" x 6") S.W. trap with Inside dimension ,455 x 610 mm & 450 mm deep sewer trap chamber with 23 cm th' B.B. masonry walls in C.M 1:5 with cement plaster 15 mm th' in C.M. 1:3 inside & outside to exposed faces, R.C.C. top slab with 1:2:4 mix (1 cement: 2 Sand : 4 Grade stone aggregate 20mm size) ,Foundation concrete 1:5:10 & fixing C.I. cover with frame to be not less than 38 kg. On top etc. comp. for single pipe.	5.00	3166.77	No.	15833.85
	(A).Same as above but Precast RCC heavy duty Cover instead of C.I. Cover	5.00	2915.61	No.	14578.05
	Extra for every additional depth of 0.1 mt beyoung 0.45 mt	5.00	233.85	Each	1169.25
91	Providing & construction simple chamber of 23 cm. th' B.B. Masonary in C.M 1:5 with cement plaster 15 mm th' in C.M. 1:3 inside & outside to exposed faces, R.C.C. top slab with 1:2:4 mix (1 cement: 2 Sand : 4 Grade stone aggregate 20mm size) ,Foundation concrete 1:5:10 & fixing C.I. cover with frame to be not less than 38 kg. On top etc. comp. Inside dimension,455 x 610 mm &450 mm deep for single pipe	5.00	2932.93	No.	14664.65
	(A) Same as above but Precast RCC heavy duty Cover instead of C.I. Cover	5.00	2681.76	No.	13408.80
	Extra for every additional depth of 0.1 mt beyoung 0.45 mt	5.00	242.39	Each	1211.95
92	Providing, Lowering & laying joining R.C.C. NP2 CLASS Pipe In C.M. 1:1 of following nominal internal diameters incl. Testing of pipes and joints etc. Comp				
	(A) 150 mm. dia	5.00	257.19	R.M.	1285.95
93	Providing & laying in trenches galvanised mild steel tubes (medium grade) TATA / ZENITH / ASIAN / JINDAL MAKE of the following nominal bore & tube fittings etc. comp.- 25mm.dia.	0.00	282.98	R.M.	0.00
	(C) 40 mm. dia.	0.00	426.40	R.M.	0.00
	(D) 65 mm. dia.	0.00	725.71	R.M.	0.00
94	Providing & Fixing to wall, ceiling floor at all floor levels, galvanised mild steel tubes(medium grade) TATA / ZENITH / ASIAN / JINDAL MAKE of the following nominal bore, tube, fittings & clamps incl. making good the wall ceiling and floor etc. complete.	0.00	252.49	R.M.	0.00
	(A) 15 mm. dia.				
	(B) 25 mm. dia.	0.00	401.95	R.M.	0.00
	(C) 40 mm. dia.	0.00	608.35	R.M.	0.00
	(D) 50 mm. dia.	0.00	794.18	R.M.	0.00
95	Providing & Fixing C.P. Brass screw down bib tap at all floor levels, polished bright etc. comp.- (A) 15mm dia. For all Floors	30.00	186.83	No.	5604.90

96	Providing & Fixing gun metal check or non return full way wheel valve at all floors levels, etc. complete. (A) 15 mm. dia.	25.00	186.83	No.	4670.75
	(B) 25 mm. dia.	10.00	420.63	No.	4206.30
	(C) 40 mm. dia.	10.00	663.43	No.	6634.30
97	Providing & Fixing chromium plated brass half turn flush cock at all floor levels, of approved quality incl. fixing in pipe line etc. Comp.-- 25 mm dia.	20.00	263.77	No.	5275.40
98	Providing & Fixing abonite ball cock of approved qualities directed etc. comp. (A) 25 mm. dia.	20.00	102.91	No.	2058.20
99	Providing and fixing C.I. Machinehole cover 0.60 x 0.45 mt. Size having weight not less than 35 Kg. etc. complete.	10.00	958.17	No.	9581.70
100	Providing & Fixing U-PVC pipe (SWR) conforming to IS no. 13592 (Type "B") of Prince/Supreme/Jain/Astral/Tulsi/Finolex make for soil and waste discharge system at all floor levels incl. All fixtures like bends, tees, shoe etc. jointed with resin of approved brand & manufacture etc. comp. (M.R.) (a) 75mm Dia	15.00	412.00	R.M.	6180.00
	(B) 110 mm. Dia.	5.00	444.00	R.M.	2220.00
	(C) 160 mm. Dia.	5.00	731.00	R.M.	3655.00
101	Providing & fixing U-PVC pipes Confirming to IS no. 13592 (Type "A") of Prince/Supreme/Jain/Astral/ Tulsi/Finolex make for rain water at all floor levels incl. fixtures like bends, tees, shoe etc jointed with resin of approved brand & manufacture etc. comp. (M.R.) (A) 75 mm. Dia.	25.00	203.00	R.M.	5075.00
	(B) 110 mm. Dia.	10.00	325.00	R.M.	3250.00
	(C) 160 mm. Dia.	10.00	674.00	R.M.	6740.00
102	Providing, Laying and jointing on true line and level UPVC pipe (SCH-40) line of Prince/Supreme/Jain/Astral/ Tulsi/Finolex make including fittings make or equivalent as approved by engineer-in-charge. Pipe shall be fixed on the wall the help of clamp at every two meter C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
	(A) 15 mm dia.	5.00	72.65	R.M.	363.25
	(B) 25 mm dia.	2.00	91.84	R.M.	183.68
	(C) 32 mm dia.	0.00	119.15	R.M.	0.00
	(D) 40 mm dia.	5.00	148.12	R.M.	740.60
	(E) 50 mm dia.	0.00	195.67	R.M.	0.00
	(F) 65 mm dia.	0.00	494.00	R.M.	0.00
103	Providing & Fixing P.V.C. pipes (SCH-80) of Prince/ Supreme/ Jain/ Astral/ Tulsi/Finolex make for water supply line at all floor levels incl. fixtures like bends, tees, shoe etc jointed with resin of approved brand & manufacture etc. comp. Pipe shall be fixed on the wall the help of clamp at every two meter C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.				
	(A) 15 mm dia.	10.00	166.00	R.M.	1660.00
	(B) 25 mm dia.	5.00	256.00	R.M.	1280.00
	(D) 40 mm dia.	5.00	372.00	R.M.	1860.00
	(E) 50 mm dia.	5.00	510.00	R.M.	2550.00
	(F) 65 mm dia.	5.00	635.00	R.M.	3175.00
104	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 110x110 mm diameter with jali of the following nominal diameter of self cleaning design with C.I. spread down or hinged grating including the cost of cutting and making good the walls.	5.00	586.27	NO	2931.35
105	Providing & Fixing in position PVC Cowl vent to pipes of Prince/Supreme/Jain/Astral/Tulsi/Finolex make etc.Comp. (A) 75 mm. dia.	5.00	40.00	NO	200.00
	(B) 110 mm Dia.	5.00	50.00	NO	250.00
106	Providing & fixing M.S. Holder Bat clamps at all floor levels of approved design to C.I. Or S.C.I pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm. dia. (M.R.)	5.00	30.00	No.	150.00
107	Providing & fixing G.I./Aluminum Patti clamps at all floor levels of approved design to C.I. Or S.C.I pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm. dia. (M.R.)	10.00	20.00	No.	200.00
108	Providing erecting and fixing double coated Sintex/Super/Reno PVC (ISI) mark water tank of required capacity each with all necessary fittings & connection etc. complete on terrace.	5000.00	3.95	Lit.	19750.00
109	Providing & Fixing Kathi around the vertical PVC drainage pipes for concealing with cement plaster 20 mm avg thickness(CM 1:3 [1 cement :3 coarse sand]) finishing as per instruction given by Eng. incharge. for				
	(A) 75 mm PVC PIPE	0.00	173.00	R.M.	0.00
	(B) 100 mm /110 mm PVC PIPE	0.00	180.00	R.M.	0.00
110	Boring holes 3.5 mt.deep in ordinary soil (for cast in situ piles) & disposal of the surplus excavated soil as directed within a lead of 50 M. For following diameter of piles.				
	(1) 200 m.m.	9.00	296.58	R.M.	2669.22
	(2) 250 m.m.	5.00	334.80	R.M.	1674.00
	(3) 300 m.m.	5.00	401.28	R.M.	2006.40
111	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.	25.00	3741.69	C.M.	93542.25
112	Providing & laying ordinary cement con. 1:2:4 (1cement:2sand: graded stone agg. 20 mm nominal size) finishing smooth curing etc. comp. Includ. Cost of form work but exclu. Cost of reinforcement for R.C.C. Work in :Up to G.L./P.L. (A) COLUMNS:				
	(1)Having c/s area up to 0.08s.mt	8.00	12335.51	C.M.	98684.08
	(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	1.00	10658.16	C.M.	10658.16
	(3) Having cross sectional area more than 0.12 sq. mt.	0.00	8692.87	C.M.	0.00
	(B) BEAMS :				
	(1)Having c/s area up to 0.08s.mt	8.00	8593.80	C.M.	68750.40

	(2) Having c/s area more than 0.08 sq. mt. & upto 0.12 sq.mt	1.00	7665.60	C.M.	7665.60
	(3) Having cross sectional area more than 0.12 sq. mt.	0.00	6578.07	C.M.	0.00
113	Providing & laying C.C 1:3:6 (1cement :3 coarse sand :6 crushed stone agg. 20 m.m Nominal size) & curing comp. incl.cost of from work in: wall caps / copings.	6.00	4085.83	C.M.	24514.98
114	Steel work welded in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint				
	(A) in beams & joists channels angles, tees, flats with connection plates or angle cleats as in main & cross beams,hip & trussed purlins connected to common rafterers & the like.	5.00	9108.48	Qtl.	45542.40
	(B)For work like chain link fencing, above compound wall etc.	0.00	9108.48	Qtl.	0.00
	(C)in trusses & trussed purlins upto 25m.Span &15m.Overall height	0.00	10197.11	Qtl.	0.00
115	Providing and fixing G.I. chain link of 50mm x 50mm size x 10 guage thick with nuts, bolts, washer or G.I. pins, excluding M.S. angles etc.complete as per relevent IS specification & directed by engineer in charge. (TATA or Jindal Make)	10.00	311.00	SM	3110.00
116	Providing and fixing hot dip Concertina coil of 610 mm dia. made out of 2.59mm (12 SWG) hot dip galvanized (G.I. coating not less than 200 gm/sq.m) th. wire having 80 nos. of spikes and 200 nos. of clip made out of stainless steel (AISI 304 1.5 mm th. dia., G.I. strips 0.5 mm th. (C.I. coating not less than 120 gm/sq.m.) weight of one coil should not be less than 15 kg. etc. complit, at the top of compound wall fixed with S.S. clips and binding wires wherever necessary etc. complit. (Note :- Stretching lehghth of one coil should not be more than 9 mt.)	10.00	314.00	R.M.	3140.00
117	Providing and fixing and fitting TATA or Jindal make G.I. barbed wire fencing with necessary barbed wire (12 x 14 guage, weight not less than 0.14 kg. / mt.) pins, hooks, excluding M.S. angles etc. complete as per relevent IS specification.& directed by engineer in charge	10.00	125.00	Kg.	1250.00
118	Providing & fixing colouoron galvaniced steel, zinc / aluminium allus coated sheet 0.5 mm. thick roofing fixed with gslvanised grom J or L hook bolts and bolt 8mm dia with bituman and impet washer filled with white lead etc. Excluding the cost of purlins rafter and trusses. (Tata / Jindal or equivalent)	30.00	999.00	S.M.	29970.00
119	Providing corrugated G.I. Sheets of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8m diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses. (1) 0.80 mm thick sheet. (Tata / Jindal or equivalent)	10.00	734.19	S.M.	7341.90
120	Providing corrugated G.I. Sheets of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8m diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses. (1) 0.63 mm thick sheet. (Tata / Jindal or equivalent)	10.00	1016.00	S.M.	10160.00
121	Providing & fixing 150mm wide 450mm over all semicircular plain G.I. sheet class-3 gutter with iron brackets 40mm x 3mm size bolts, nuts, washers etc. including marking necessary connection with rain water pipes. (i) 0.8 mm thick	10.00	581.32	R.M.	5813.20
122	Providing ridges or hips 600mm over all in plain G.I. sheet fixed with G.I. "J" of "L" hooks bolts and nuts 8mm dia G.I. limpet and bitumen washer complete (1) 0.80 mm thick	10.00	664.70	R.M.	6647.00
123	Providing & fixing 150mm wide 450mm over all semicircular plain G.I. sheet class-3 gutter with iron brackets 40mm x 3mm size bolts, nuts, washers etc. including marking necessary connection with rain water pipes. (i) 0.63mm thick	10.00	412.00	R.M.	4120.00
124	Providing ridges or hips 600mm over all in plain G.I. sheet fixed with G.I. "J" of "L" hooks bolts and nuts 8mm dia G.I. limpet and bitumen washer complete (1) 0.63mm thick sheet	0.00	464.00	R.M.	0.00
125	Providing & Fixing UV stabilise FRP Sheet roofing with overlapping the main cladding on both edges. All fixing holes must be predrilled oversize as specified for the sheet length and fastener being used. Fasteners must be fitted with approved washers. Fixings should be tightened to ensure a weatherproof seal but they must not be over tightened Side-lap fasteners must also be installed at specified centers with the FRP sheet having clearance holes provided as per the main fasteners Weatherproofing shall be provided at all flashing points under the normal flashing by the fitting of a foam closure strip to match the profile being used. Closure strips will be sealed to the sheet with an appropriate non setting silicone sealant. Excluding the cost of purlins rafter and trusses.				
	(a) 1.5 mm thick	10.00	992.00	SM	9920.00
	(b) 2 mm thick	5.00	1100.00	SM	5500.00
126	Providing & Fixing Polycarbonate sheet roofing with surface of the sheet is coated with an anti-UV Co-extrusion layer having good weather resistance, it can maintain its optical properties and mechanical performance for a long time. Fasting is usually done by screws. , The fastening screws should be inserted about 500 mm apart and 300mm apart Along the supporting internal purlin and edge pulin.All fixing holes with diameter at least 2 mm larger than screw must be predrilled into each screw location. The screws should be 6mm diameter with length according to sheet thickness and corrosion resistant, with at least heavy duty hot dripped galvanized or stainless steel. Excluding the cost of purlins rafter and trusses.				
	(a) 1.5 mm thick Solid Sheet	10.00	1261.00	SM	12610.00
	(b) 2 mm thick Solid Sheet	5.00	1510.00	SM	7550.00
127	Providing & Fixing 80 mm dia M.S. pipe as vertical post are beded in 1:1.5:3 concrete also horizontally in line and connecting to purline angle etc by welding rereing etc. (a) Medium duty "B" Class	0.00	750.00	R.M.	0.00
128	Providing & Fixing 50 mm dia M.S. pipe as vertical post are beded in 1:1.5:3 concrete also horizontally in line and connecting to purline angle etc by welding rereing etc. (a) Medium duty "B" Class	0.00	485.00	R.M.	0.00

129	Providing & fixing black board on walls of 1.8mt.x1.2mt size made up to 12 mmth.B.W.P .Plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) fixed with teak wood beading of 65 mmx 50mm size, rubbing & sanding comp., incl. applying two coats of black board paint over a priming coat on plywood & French polishing the frame all round etc. Comp. as per instruction of Engineer in charge (M.R.)	1.00	4193.00	No.	4193.00
130	Providing & fixing Green board on walls of 1.8mt.x1.2mt size made up to 18 mm th.ply (using IS 710 Marin ply) with 1 mm thick outside green board & 0.8mm backside white laminate & with good Quality of adhesive with appropriate fittings of Aluminium fittings or teak wood bedding 65 mmx 50mm size, rubbing & sanding comp., as per instruction of Engineer in charge (M.R.)	1.00	5195.00	No.	5195.00
131	Providing & fixing White board on walls of 1.8mt.x1.2mt size of 12mm thick with appropriate fittings and Alluminium fittings comp., as per instruction of Engineer in charge (M.R.)	1.00	4230.00	No.	4230.00
132	Providing & Fixing Reading table size 8' x 4' and height 2'-6" with table top 18mm thick (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) commercial plywood with 1.0mm thick lamination sheet fitting with teakwood moulding table top supported on 3" x 3" teakwood leg & 3" x 1 1/2" teakwood framing top and bottom with french polish labour work hardware etc. as per site in charge instruction and as per drawing.	0.00	14774.00	NO	0.00
133	Providing & Fixing Librarian table with 18mm thick commercial plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) with 1.0mm thick lamination sheet table top supported on 2" x 2" teakwood leg & make 3 nos. drawers of 1' 3" width on both side with necessary french polish hardware labour etc. as per site incharge instruction and as per drawing (Size 4' x 2'-6" x 2'-6" , all framing other then legs are teak wood of size 2" x 1")	0.00	8390.00	NO	0.00
134	Providing & Fixing simple 12mm thick commercial plywood (Brand Saras, Kitply, Uniply, Anchor, Green,Wood Stock or century) Rack of size 6' x4' and depth 1'-6" 5 Nos. horizontal partition, supported 2" x 1" framing with necessary french polish hardware labour etc. as per site incharge instruction and as per drawing.	0.00	7690.00	NO	0.00
135	Providing & Fixing fitting commercial 8mm thick plywood (Brand Saras,Kitply,Uniply, Anchor, Green,Wood Stock or century) magazine stand of Size 6' x 4' with 3" x 1 1/2" vertical supporting and adjustable lag support and horizontal simple 2" x 1" teakwood patti for magazine support with necessary french polish hardware labour etc.as per site in charges instruction and as per drawing.	0.00	6745.00	NO	0.00
136	Providing, supplying & placing precast RCC Woodeny benches as per given specifications. (Seating plank dimensions : Seating Length of the Bench : 1380 mm, Seating width of the Bench : 450 mm, Seating height of the Bench : 450 mm, Seating plank thickness : 60 mm, Total height of the Bench : 900 mm.) M-30 grade of Concrete using vibration compaction process. Benches consists of 2 Nos. L-shape base support in wooden texture and 1 Nos. flate back and 1 Nos. bottom plank leg thickness :90 mm, Leg hight : 830 mm, Leg width : 600 mm, backside plank width : 350 mm, backside plank length : 1380 mm, backside plank thickness : 60 mm. Bench top and back planks are treated with special anticorrosive, water proof coating, prevent sun, rain, light and fungal attack, as to make surfaces glossy and water proof. The back rest should show as details given by SMC in embossed at casting time.	0.00	3927.00	NO	0.00
137	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	10.00	450.00	Kg	4500.00
138	Providing & fixing Z - clamps at all floor levels of approved design to C.I. S.C.I. or PVC pipes including the cost of cutting holes & making good the wall etc. Complete - 100 mm dia as per architect instructions.				
	(A) 40 to 50 mm dia	10.00	62.00	No.	620.00
	(B) 75 to 90 mm dia	10.00	75.00	No.	750.00
	(C) 110 mm dia to upto 150 mm dia	10.00	90.00	No.	900.00
	(C) 150 mm to 200 mm dia	10.00	98.00	No.	980.00
139	Providing and constructing sandwich type Polish Kota Stone cooking platform 0.6 mt. wide & 0.75 mt. height, including one end side Polish Kota stone (Double Polish) of 1.25 mt. height & front Polish Kota stone patti of 10 cm wide, vertical partitions of half B.M. wall in C.M. 1:4 and 10mm th. plaster in 1:3 with finishing smooth with cement slurry as required and Stainless Steel sink of 0.45 mt x 0.45 mt size of approved quality and make with required all fittings & fixtures etc. comp as per instruction given by site in charge at all floors.	0.00	3010.00	Rmt.	0.00
140	Providing and constructing sandwich type Granite stone cooking platform 0.6 mt. wide & 0.75 mt. height, including one end side granite stone (Double Polish) of 1.25 mt. height & front granite stone patti of 10 cm wide, vertical partitions of half B.M. wall in C.M. 1:4 and 10mm th. plaster in 1:3 with finishing smooth with cement slurry as required and Stainless Steel sink of 0.45 mt x 0.45 mt size of approved quality and make with required all fittings & fixtures etc. comp as per instruction given by site in charge at all floors. (Basic rate of Granite Rs.1,200.00 / S.M.)	0.00	3128.00	Rmt.	0.00
141	Providing and fixing 150 mm wide, approved quality chicken wire mesh (FRP / PVC)at junction of brick work and RCC work or two dissimilar surfaces, at all heights fixed by nails, rowal plugs or tag by cement mortar 1:3 before applying the plaster, including curing, scaffolding all complete as directed.	0.00	102.00	S.M.	0.00

142	Providing and filling Epoxy grout of approved or suggested brand by consultant / Engineer in charge in 4mm to 6mm thick tiles joint including spacer with cleaning of joint by vacuum or blower etc	0.00	40.00	Rmt.	0.00
143	Providing and fixing rebar of following diameter using chemical grout of Swanchore/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-in-charge.				
A	8mm	0.00	80.00	No.	0.00
B	10mm	0.00	90.00	No.	0.00
C	12mm	0.00	125.00	No.	0.00
D	16mm	0.00	190.00	No.	0.00
E	20mm	0.00	340.00	No.	0.00
F	25mm	0.00	500.00	No.	0.00
144	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with ISI specification. Using Chlordene and Chiopurfiles 20 EC. As per 6131_paret-II Concentration Weight one percent is recommended i.e. one litre 20 EC chemical emulsion with 19 liter give 1% concentration inclusive of one litre chemical emulsion appication at the rate of 5 litre chemical / Sqm of surface is recommended as per IS.	90.00	87.03	Smt.	7832.70
145	Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter locked together through their entire lenght and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete (A) Shutters having width below 3.5 M.	0.00	3554.40	Smt.	0.00
146	Providing & Fixing 3 mm thick metal sheet with CNC cutting to fix it on vertical surface. Steel work welded in built up sections, framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint in beams & joists channels angles, tees, flats with connection plates or angle cleats as in main & cross beams, hip & trussed purlins connected to common raffers & the like.	1.00	2677.00	Smt.	2677.00
147	Providing and laying broken china mosaic flooring for terrace using 12mm to 20mm 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.	30.00	779.70	Sqm.	23391.00
148	Providing and Fixing Hollow steel Sections Framed Work including Cutting, Hoisting, Welding & Fixing in position Purlin, Main Chord etc. as per Engineer-in-charge. TATA / JINDAL / ASIAN Make	15.00	126.00	Kg	1890.00
149	Providing cement vata (10 cm x 10 cm size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete.	10.00	24.28	Rmt.	242.80
150	Hoarding Printing and Mounting	0.00	16.50	Sft.	0.00
151	Flex Banner (Any size 240 gsm)	0.00	8.50	Sft.	0.00
152	Flex Banner with MS (Mild Steel) framing (Any size 240 gsm (Pipe size 25 x 25 x1.5 mm)	0.00	53.10	Sft.	0.00
153	Cloth Banner (Upto 8 x 4 feet 140 gsm)	0.00	23.60	Sft.	0.00
154	Cloth Banner with MS (Mild Steel) framing (Up to 8 x 4 feet 140 gsm) (Pipe size 25 x 25 x 1.5 mm)	0.00	65.00	Sft.	0.00
155	Cloth Banner with Wooden stick at both end for rally display (Any size 140 gam)	0.00	32.85	Sft.	0.00
156	Cloth banner standee (Any size 140 gsm Pipe size 25 x 25 x 1.5 mm)	0.00	69.50	Sft.	0.00
157	Wall Vinyl Sticker	0.00	28.00	Sft.	0.00
158	Eco Solvent Vinyl Sticker (120 gsm) with Lamination (100 gsm)	0.00	38.00	Sft.	0.00
159	Solvent Vinyl Sticker (120 gsm) with Lamination (100 gsm)	0.00	22.00	Sft.	0.00
160	5mm PVC sheet Eco Vinyl (Any size)	0.00	55.46	Sft.	0.00
161	Decorative theme base designing & painting with all waterproof materials	0.00	63.00	Sft.	0.00
162	White Washing with lime on wall surface to give an even shade & surface incl. thoroughly brooming the surface to remove dirt, dust mortar drops & losse scales of lime wash & other foreign matter Two coats.				
	(A) walls	10.00	13.03	S.M.	130.30
	(B) Ceiling	10.00	14.21	S.M.	142.10
	---do Extra Subsequent coat over above Item				
	(A) walls	0.00	6.01	S.M.	0.00
	(B) Ceiling	0.00	6.51	S.M.	0.00
163	Colour washing with lime on wall over & incl. a primary coat of white washing to give an even shade & surface incl. thoroughly brooming the surface to remove all dirt, dust mortar drops & loose scales of lime wash & other foreign matter. Two coats.				
	(A) walls	0.00	13.03	S.M.	0.00
	(B) Ceiling	0.00	15.37	S.M.	0.00
	---do Extra Subsequent coat over above Item				
	(A) walls	0.00	8.35	S.M.	0.00
	(B) Ceiling	0.00	10.53	S.M.	0.00
164	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.				

	(A) walls	10.00	75.84	S.M.	758.40
	(B) Ceiling	10.00	84.37	S.M.	843.70
	---do Extra Subsequent coat over above Item				
	(A) walls	0.00	31.91	S.M.	0.00
	(B) Ceiling	0.00	35.25	S.M.	0.00
165	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.	10.00	40.59	S.M.	405.90
166	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.	30.00	83.36	S.M.	2500.80
	For every subsequent coat Extra over item no.above	0.00	35.41	S.M.	0.00
167	Distemping two coats on previously distemping 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.	10.00	60.63	S.M.	606.30
168	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.	10.00	36.74	S.M.	367.40
169	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.	30.00	68.57	S.M.	2057.10
170	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.	20.00	39.93	S.M.	798.60
	For every subsequent coat Extra over item no.above	0.00	40.09	S.M.	0.00
171	Applying Priming coat over new wood & wood surface after & incl. preparing the surface by thoroughly cleaning oil grease dirt & other foreign matter sand papering & knetting Really mixed paint brushing priming for enamel.	20.00	43.10	S.M.	862.00
172	Painting two coats (excluding priming coat) on New wood & wood based surface with enamel paint to give an even shade & surface incl. cleaning of all dirt, dust & other foreign matter.	20.00	92.87	S.M.	1857.40
173	Painting two coats (excluding priming coat) on previously painted wood & wood based surface with enamel paint to give an even shade & surface incl. cleaning of all dirt, dust & other foreign matter.	20.00	47.44	S.M.	948.80
174	Polishing with french polished on New wood & wood based surface to give an even surface incl. cleaning the surface of all dirt, dust & sand papered smooth incl. a cost of wood filler.	20.00	142.49	S.M.	2849.80
175	Polishing with french polished on previously polishing wood & wood based surface to give an even surface incl. cleaning the surface of all dirt, dust & sand papered smooth incl. a cost of wood filler.	20.00	73.34	S.M.	1466.80
176	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.)	20.00	90.00	S.M.	1800.00
177	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.)	20.00	60.00	S.M.	1200.00
178	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	200.00	82.00	S.M.	16400.00
179	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm @wt. 1.384kg/m, horizontal Four track member size 122.20mm x 31.75mm x 1.10mm @ wt 1.205 kg/m, vertical member of size 122.20mm x 31.75mm x 1.50mm @1.398 kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ 0.456kg/mt ,vertical member of size 40mm x 18mm x 1.29mm @ 0.456 kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	10.00	2140.33	S.M.	21403.30
	(A) Same as above but Colour anodized	10.00	2140.33	S.M.	21403.30

180	Providing and fixing window having extruded aluminium Powder Coated section frame main outer size 95 mm x 24 mm x 1.17 mm (of jindal section no:2459 @ Wt. of 0.738 Kg/mt), horizontal Three track member size 92 mm x 31.75 mm x 1.30 mm (of jindal section no:8688, @ Wt. 1.07 Kg/mt), vertical member of size 92 mm x 31.75 mm x 1.50 mm (of jindal section no:8933, @ Wt. 1.06 Kg/mt) with sliding shutters of horizontal member size 40 mm x 18 mm x 1.29 mm (of jindal section no:8947 @ wt. of 0.456 kg/mt), vertical member of size 40 mm x 18 mm x 1.29 mm (of jindal section no:8949 @ wt. of 0.456 kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminium fittings & fixtures and transparent silicon sealant glass fixing to frame as per details etc.	10.00	1591.87	S.M.	15918.70
	(A) Same as above but Colour anodized	10.00	1591.87	S.M.	15918.70
181	Providing and fixing window having extruded aluminium Powder Coated section frame main outer size 63.50 x 38.10 x1.95 mm (of Jindal section no.4605, @ Wt. 1.094Kg/mt) horizontal Two track member size 61.85 mm x 31.75 mm x 1.20 mm (of jindal section no:8687, @ Wt. 0.695 Kg/mt.) vertical member of size 61.85 mm x 31.75 mm x 130 mm (of jindal section no:8758 @ wt. of 0.659 kg/mt) with sliding shutters of horizontal member size 40 mm x18 mm x 1.29 mm (of jindal section no:8949, @ Wt. of .456 Kg/mt) vertical member of size 40 mm x 18 mm x 1.29 mm (of jindal section no:8947, @ Wt. of 0.456 Kg/mt/section 8948, @ Wt. of 0.457 Kg/mt) with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminium fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc. complete for window.	5.00	1705.67	S.M.	8528.35
	(A) Same as above but Colour anodized	5.00	1705.67	S.M.	8528.35
182	Providing and fixing standared extruded ofalluminium section of size 63mm x 38.10mm x1.2mm . @ Wt. 0.643 Kg/mt with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	5.00	1175.56	S.M.	5877.80
	(A) Same as above but Colour anodized	5.00	1175.56	S.M.	5877.80
183	Providing and fixing standared extruded of aluminium section of size 61 x 37.0 x0.90 mm (of Jindal section no.14080, @ Wt. 0.471 Kg per mt) with Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc. complete for fix window .	5.00	1833.29	S.M.	9166.45
	(A) Same as above but Colour anodized	5.00	1833.29	S.M.	9166.45
184	Providing & fixing partly panel & partly glass Powder Coated Aluminium doors with aluminium section of Hindalco, Jindal , Narmada,Banco or Equivalent approved make having Poder Coated outer frame Leg Partition section of 63.50 mm x 38.10 mm having weight 1.158 kg. / R.M. shutter section having size 83.5 mm x 44.45mm (top & bottom: 1.384 kg./rmt. and middle 1.139 kg./rmt). door vertical 47.62mm x 44.45 mm (vertical:0.881 kg./rmt. & top hing side:0.974 kg./mt.), Glazing Clip (Jindal Section No. 19370 Wt. 0.109 Kg./ Mt.) with 5mm thick sheet glass in acid froting and 12 mm thick prelaminated sheet of Greenlam, Panama or archid make as approved by Engineer-in-charge including fixing brass pivot, handle, lock etc. complete.	5.00	3237.00	S.M.	16185.00
	(A) Same as above but Colour anodized	5.00	3237.00	S.M.	16185.00
185	Providing & fixing Powder Coated Aluminium partly glazed and partly panelled partition using medium duty sections of Hindalco,Zindal, Narmada, Banco or Equivalent approved make having section 63.50 mm x 38.10mm (Frame-.758 kg/rmt & Middle section- 0.819 Kg./rmt), Galzing Clip with 5 mm thick clear float glass of approved make including all other necessary fittings and fixtures. Entire work will have to be made water proof using necessary rubber sectioned wherever required. Gaps all round the frame to be filled with approved water proof sealant. Bottom portion of doors both side to be covered with 12mm thick prelaminated particle board of approved make and quality and as per design.	5.00	2400.00	S.M.	12000.00
	(A) Same as above but Colour anodized	5.00	2400.00	S.M.	12000.00
186	Demolition including stacking of serviceable materials with all lead and lift. (i) RCC Work	10.00	1110.75	C.M.	11107.50
187	Demolition of brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) On Cement Mortar.	10.00	577.92	C.M.	5779.20
188	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.	10.00	20.55	S.M.	205.50
189	Dismantling steel work including distempering and stacking the maerials with all lead and lift.	10.00	3.85	Kg.	38.50
190	Dismantling door, windows, ventilators etc. (wood or steel) shutters including chowkhats architraces, holdfasts and other attacement etc. complete and stacking them within all lead and lift. (i) Not exceeding 3 Sq.M. in area.	10.00	197.09	EACH	1970.90
191	Dismantling door, windows, ventilators etc. (wood or steel) shutters including chowkhats architraces, holdfasts and other attacement etc. complete and stacking them within all lead and lift. (i) Exceeding 3 Sq.M. in area.	5.00	263.90	EACH	1319.50
192	Dismantaling 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.	5.00	50.11	S.M.	250.55
193	Removing of Collapsible Gate	5.00	101.00	S.M.	505.00
194	Removing of Rolling Shutter	5.00	101.00	S.M.	505.00
195	Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.				
196	Kota stone flooring and steps	5.00	50.11	S.M.	250.55
197	Marble	5.00	50.11	S.M.	250.55
198	Tiles flooring / Dedo	5.00	50.11	S.M.	250.55
199	Granite flooring and steps	5.00	50.11	S.M.	250.55
200	HDPE PVC tank	5.00	0.30	No.	1.50
201	Dismantling C.I. pipes G.S.W. pipes and A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift. (for any dia, of pipe)				
202	GI pipe (15mm)	0.00	78.51	Rmt.	0.00
203	GI pipe (25 mm)	0.00	78.51	Rmt.	0.00

204	GI pipe (32 mm)	0.00	78.51	Rmt.	0.00
205	GI pipe (40 mm)	0.00	78.51	Rmt.	0.00
206	GI pipe (50 mm)	0.00	78.51	Rmt.	0.00
207	UPVC pipe	0.00	78.51	Rmt.	0.00
208	Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift.	0.00	1847.34	C.M.	0.00
209	Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift.	10.00	70.15	Rmt.	701.50
210	Dismantling sanitary fittings like wash basin, W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	10.00	425.93	EACH	4259.30
211	Sanitary fitting like bib tap, flush cock, pillar tap, angle cock etc.	10.00	50.50	EACH	505.00
212	Stainless Steel	0.00	5.05	Kg.	0.00
213	Paver block flooring	0.00	10.10	S.M.	0.00
214	Mangalore tiles flooring	0.00	30.30	S.M.	0.00
215	Aluminum section	0.00	5.05	Kg.	0.00
216	Aluminum Partition	0.00	30.30	S.M.	0.00
217	POP / Gypsum false ceiling	0.00	30.30	S.M.	0.00
218	Demolition of terrace including stacking serviceable materials and disposal of unserviceable materials with all lead and lift. (i) Brick tile covering.	10.00	66.81	S.M.	668.10
219	Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (ii) A.C. sheet roofing.	10.00	56.79	S.M.	567.90
220	Glass from ventilation	11.00	50.50	EACH	555.50
221	Kerb	11.00	15.15	Rmt.	166.65
222	Box Cutting the road surface to proper slope and camber for making base including removing the excavated stuff and depositing on the road side slope as directed up to 50 mt. lead.	10.00	109.41	C.M.	1094.10
223	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.	10.00	9.00	S.M.	90.00
224	Providing & filling with Mix soil in layers of 20 cm. Th'. Incl. watering, ramming & consolidation etc. complete.	10.00	225.00	C.M.	2250.00
225	Supplying & filling fine sand(pana) in 75 mm / 100 mm / 150 mm compacted thickness over the base including necessary compaction, watering etc. complete. Item includes leveling by using vibratory plates compacted machine and as directed by engineer in charge.	80.00	1016.00	C.M.	81280.00
226	Providing and laying cement concrete 1:5:10 (1- Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	50.00	2606.92	C.M.	130346.00
227	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.	55.00	228.00	R.M.	12540.00
	For rounding at the edge of footpath (For fanning portion)	0.00	274.00	R.M.	0.00
228	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)	55.00	524.00	S.M.	28820.00
	Without colour	55.00	524.00	S.M.	28820.00
229	Providing & laying Granular sub base (GSB) conforming to Grading-V of Table 400.0 of compacted thick of 150mm with specified graded stone metal and sand mixed in place 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 material, labour, machinery with all leads and lift etc. complete.	80.00	1469.00	C.M.	117520.00
230	Providing & laying cement concrete Pavement using 1:1.5:3 (1 cement:1.5 sand:3 graded stone agg. 20 mm nominal size) & Vacuum Dewatering technique including floating surface with a skim powder floater, curing etc. complete.	3.00	5981.00	C.M.	17943.00
231	Providing & laying cement concrete Pavement using 1:2:4 (1 cement:2 sand:4 graded stone agg. 20 mm nominal size) & Vacuum Dewatering technique including floating surface with a skim powder floater, curing etc. complete.	4.00	5245.25	C.M.	20981.00
232	Providing and laying 200 micron plastic sheet on prepared sub base For V.D.S Concrete	3.00	26.00	S.M.	78.00
233	Cutting of Groove 5 to 7 mm thick in VDS for depth 1/3 of total thickness with filling of epoxy sealant as directed by engineer in charge	4.00	50.00	R.M.	200.00
234	Providing and Replace door, Window S.S. Fixtures fix in wooden / Alluminium door - window				
	(A) 4" S.S. Hinge	50.00	75.00	No.	3750.00
	(B) 5" S.S. Hinge	50.00	85.00	No.	4250.00
	(C) 8" S.S. Aldraf	50.00	175.00	No.	8750.00
	(D) 10" S.S. Aldraf	50.00	200.00	No.	10000.00
	(E) 12" S.S. Aldraf	50.00	250.00	No.	12500.00
	(F) 4" S.S. Handle 4mm. Th.	50.00	100.00	No.	5000.00
	(G) 6" S.S. Handle 4mm. Th.	50.00	125.00	No.	6250.00
	(H) 4" S.S. Stopper 4mm. Th.	50.00	75.00	No.	3750.00

	(I) 8" S.S. Stopper 4mm. Th.	50.00	125.00	No.	6250.00
	(J) 6" S.S. Pavan Ankdi Heavy duty	50.00	35.00	No.	1750.00
	(H) Alluminium door lock	30.00	200.00	No.	6000.00
	(I) Door Closer	20.00	200.00	No.	4000.00
235	MARBLE PASTE WATER PROOFING TREATMENT (Layer-1 (Liquid Form) White Cement, SBR(Dr.Fixit),Bulbond (Synthetic Resin Adhesive), Crack Sill Powder, Water. Layer-2: (Paste Form) Marble Powder, Marble Paste Liquid,Bulbond,Water. Layer-3(Liquid Form) Asian Paint,Smart Care Damp Proof,Water Etc.) NOTE :- (1) The whole work is to be executed through specialized agency with a guarantee of 05 (Five) years given on a prescribed proforma duly stamped (2) The rate shall include for work at all floors & conducting water proof test as directed. (M.R.)	150.00	27.00	SQ	4050.00
236	Dismantling Old Partition & Ceiling with all lead and lift, labour etc. incl all	0.00	350.00	S.M.	0.00
237	Cutting & Refixing Old Partition incl all hardware, material & labour etc. incl all	0.00	350.00	S.M.	0.00
238	Providing & Fixing Wooden Floor incl. all material & labour etc. incl all	0.00	3673.00	S.M.	0.00
239	Providing & Fixing Woolen Carpet at Floor with all material & labour etc. incl all	0.00	1044.00	S.M.	0.00
240	Providing & Fixing 12mm Bison Panel, 50mm Thick Rock Wool & 4mm Thick ACP Panel at Glass Wall Side with all material & labour etc. incl all	0.00	6374.00	S.M.	0.00
241	Supply & Fixing of 16mm.th.Armstrong classic Lite square edge mineral fiber ceiling with 24mm grid (local) G.I. Frame grid consist of 600mm x 600mm. tecno grid pre coated main runner 38 x 24 x3600 mm, cross T 30 x 24 x 1200 mm,cross runner 24 x 24 x 600mm, wall Angle 24x24 mm. required length suspension wire of 2.50mm G.I.& necessary hardware etc. comp. approved by engineer-in-charge	0.00	980.00	S.M.	0.00
242	Removing of All Scrap Material in tractor with hydraulic trailer and 8 Nos. Of labours from Campus Boundry	0.00	2600.00	DAY	0.00
243	Providing & applying textured matt paint at all floor levels of approved quality in two coats after thoroughly brooming the wall or similar surfaces to remove all dust dirt & loose mortar droppings , Filling Surface imperfections such as holes and cracks using a mixture of white cement and fine sand only (in the ratio of 1:3) & watering the surface incl. curing etc. complete to give even shade as per the instruction of engineer in charge etc. complete. (M.R.)	0.00	58.00	S.M.	0.00
244	Steel work of square pipe hollow section, as per require size, welded in built up 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, flats with connection plates or angles cleats as in main and cross beam, hip and trussed purlins connected to common rafters and the like.(Rate analysis)	0.00	81.00	Kg.	0.00
245	Providing and fixing 1.20 meter high fencing with 2.0 meter long M.S. angle post 40mm X 40mm X 6mm and oil painting 3 coats fixed at 2.5 mt.C/C. with five horizontal lines and two diagonals of galvanised steel barbed wire of 'TATA make' weighing 9.38 Kg.per 100 meter, strained and fixed to posts with G.I. staples, including fixing posts in ground with 0.5 m X 0.5 m X 0.5 mt. block in C.C. 1:5:10 etc. comp.	0.00	409.00	R.M.	0.00
246	Providing and fixing 20 mm x 20mm x 10 gauge thick (using TATA make G.I.wire) galvanise ironwire mess (G.I. Crimped net) including cutting fixing etc.complete.	0.00	590.00	R.M.	0.00
247	Cutting out cracks of wall or terrace to V section ,cleaningout, grouting with cement and sand slurry 1:3 (1 cement : 3 sand). at any height	8.00	41.41	R.M.	331.28
248	Applying polymer modify mortar in proportion at 1:2(one part cement: 2 part white sand(sweet water) with chemical(SBR) dosage of minimum 5 litre pe bag of cement. Also apply bonding agent prior to polymer modify mortar in proportion of (1:1)(1 part SBR : 1 part cement) using Roof, MC and FOSROC				
	Beam / Columns	0.00	1830.00	S.M.	0.00
	Ceiling	0.00	1830.00	S.M.	0.00
249	Crack Repairs:-Crack filling using fiber reinforced polymer modified mortar after opening crack in "V" groove, Making Surface dust free, with a bond coat of polymer as per the data sheet for crack repairing cracks less than 8mm	10.00	120.00	R.M.	1200.00
250	Providing & Fixing PVC West Cuplin at various places at all floor approved quality as directed By Eng.in charge.	0.00	60.50	No.	0.00
251	Providing & Fixing S.S. West Cuplin at various places at all floor approved quality as directed By Eng.in charge.	0.00	93.50	No.	0.00
252	Providing and fixing Supply Pipe for Washbasin or sink	0.00	80.00	No.	0.00
253	Providing and fixing Jet Spray Cock at all floor level etc. complete.	0.00	500.00	No.	0.00
254	Providing and fixing garden hose pipe with 15 mtr length of approved quality : Size: - 16-20 mm dia	0.00	1250.00	No.	0.00
255	Providing & Fixing Brass Tee at all floor levels, of approved quality including fixing etc. Complete				
	(A) 15 mm dia.	0.00	300.00	No.	0.00
256	Providing & Fixing U.P.V.C Tee at all floor levels, of approved quality including fixing etc. Complete				
	(A) 25 mm dia.	0.00	300.00	No.	0.00
257	Providing & Fixing U.P.V.C Alba at all floor levels, of approved quality including fixing etc. Complete				
	(A) 25 mm dia.	0.00	300.00	No.	0.00
258	Providing and fixing chromium plate bottle trap with necessary coupling of approved quality for wash- basin	0.00	331.28	No.	0.00
259	Providing & Fixing Water proof M-Seal at various places approved quality as directed By Eng.in charge.	0.00	176.00	No.	0.00
260	Providing and fixing				

	(A) 40 mm thick RCC cover for simple chamber,s.w.trap & tank Top	10.00	400.00	No.	4000.00
	(B) PVC water tank cover upto 2000 Lit.	5.00	200.00	No.	1000.00
261	Supplying and fixing C.I. cover 300 mm X 300mm. without frame for gully trap (standard pattern) the weight of cover to be not less than 4.53 Kg.	15.00	660.00	No.	9900.00
262	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.	20.00	102.00	S.M.	2040.00
263	Providing & Fixing of New FRP board on existing bench	2.00	2700.00	No.	5400.00
264	Providing & Fixing of nut - Bolt on existing FRP Board	2.00	20.00	No.	40.00
265	Proving Benches welding work	2.00	1400.00	No.	2800.00
266	Proving Benches Colour Work	2.00	150.00	sq.m	300.00
Total					4507603.00

Sd/-
EXECUTIVE ENGINEER
SOUTH WEST ZONE (ATHWA)
SURAT MUNICIPAL CORPORATION

SIGNATURE & SEAL OF CONTRACTOR
NAME & ADDRESS :-