GUJARAT INDUSTRIES POWER COMPANY LIMITED
(SURAT LIGNITE POWER PLANT)
SOR FOR COLONY ARC CIVIL (2027-28)

Item No	Item Description	Estimate Qty	Unit	Estimate Rate	Amount (Rs.)
(A)	**DISMANTLING WORK**				
1	Dismantling work shall include working at all heights and depth including storing and stacking the serviceable material and 'disposing of the debries and unserviceable material to out side colony or scrap yard in plant as directed by engineer. P.C.C. of any mix	0.50	M3	1067.24	533.62
2	-do- for content up to 0.15 M3	2.00	No.	179.08	358.15
3	R.C.C. of any mix	0.50	M3	2983.46	1491.73
4	-do- for content up to 0.15 M3	2.00	No.	555.81	1111.61
5	Brick masonry work in Cement mortar with plaster	0.50	M3	438.95	219.47
6	-do-for up to 0.15 M3	5.00	No.	88.87	444.36
7	Chipping plaster of any mix	25.00	M2	106.12	2652.93
8	All types of brick flooring	80.00	M2	106.12	8489.37
9	Braking & Removing of curb stone of any size	25.00	RM	39.79	994.82
10	Removal of doors, windows, Ventilation (steel or wooden), Rolling etc. with frame	10.00	M2	361.78	3617.79
11	All types of floor/dedo like ceramic/ glazed/vetrified tiles	30.00	M2	106.12	3183.51
12	-do- for content up to 0.50 M2	20.00	No.	63.92	1278.36
13	Wooden / Aluminium partitions fully panelled / partly 'glazed / double skin , Alu. Doors, Windows, etc.	1.00	M2	162.81	162.81
14	-- do-- for partitions, doors, windows up to 2.10 sqm.	10.00	No	319.57	3195.70
15	False ceiling including removing of Aluminium grid work nova teak/ gypsum board tiles, Aluminium strips	10.00	M2	116.74	1167.36
16	-- do-- as above but for qty. up to 1.00 sqm.	1.00	No	125.42	125.42
17	Removing floor spring of Alu. doors	1.00	No.	162.81	162.81
18	Removing of various pipe lines (excavation and backfilling, jari cutting, etc. shall be paid separately under relevant items) (a)'GI pipe up to 50mm dia.	50.00	RM	62.71	3135.49
19	(b)GI,'CI, SW, AC, pipelines more than 50 mm and up to & incl. 150 mm dia.	5.00	RM	106.12	530.59
20	© PVC pipe up to 150mm dia.	5.00	RM	55.69	278.43
21	(d) PVC pipe above 150mm dia and up to& incl. 200mm dia.	1.00	RM	63.92	63.92
22	Removing of RCC hume pipe (excavation and backfilling, etc. shall be paid under relevant items) (a) RCC pipe Up to 300 mm dia	1.00	RM	319.57	319.57
23	(b) 'RCC pipe 450 mm dia & up to 600 mm dia	1.00	RM	853.79	853.79
24	Fencing post (R.C.C. or Steel) including excavation & breaking cement concrete etc.	1.00	No	201.39	201.39
25	Barbed wire each raws.	1.00	RM	2.42	2.42
26	Chain link fencing including removing of M.S. angle posts, horizontal bracings, top 3 raws barbed wires, (excavation, breaking of cement concrete base of	0.50	M2	100.10	50.05
27	-do -but for fencing up to & inclusive 3.0mtr.length at one location	1.00	M2	177.27	177.27
28	Same as above item but for removing only chain link of any height.	1.00	M2	75.97	75.97

29	Indian or Europian W.C.,Urinals, Wash basins, Nahni trap & similar fittings.	35.00	No	533.02	18655.80
30	Removal of existing pea gravel Tar felt water proofing treatment.	1.00	M2	34.97	34.97
31	Road cutting (including seal coat, carpet, semi grouting, & rubble soling,)	1.00	M3	628.29	628.29
32	Removing of glass panels from aluminium partition, doors, windows, etc. and refixing the same as required	1.00	M2	162.81	162.81
33	Cutting zari up to 50mm x 50mm with cutting machine / manually in brick masonry wall for piping work	10.00	Rm	80.80	808.04
34	Providing grooves in existing wall for laying of various conduits etc. up to 100mm deep and 100mm wide in	1.00	RM	106.12	106.12
35	Same as above item but for flooring.	1.00	RM	162.81	162.81
36	Removing of existing exhaust fan jali including necessary scaffolding and submit at estate office.	20.00	No	183.30	3665.92
37	Dismantling Mangalore tiles roofing including stacking at specified location etc..	50.00	M2	96.47	4823.55
38	Dismantling of rubble soling	5.00	M3	180.89	904.45
(B)	**EARTHWORK, FILLING, DRESSING:**				
39	EARTHWORK, FILLING, DRESSING: Clearing the site of all vegetation, trees, bushes, shrubs, undergrowth, etc., and disposal to dumps as instructed by the Engineer-in-charge including all lifts and leads etc., complete.	85.00	Sqm	27.90	2371.84
40	Earthwork in excavation below ground level in foundation, trenches, pits, drains, chambers, etc. in all class of soil except hard rock, including dewatering, shoring, strutting, if necessary, dressing of the sides and bottom, stacking of useful materials as required, back filling with selected excavated materials, compacting the back filling, removing of surplus earth after back filling outside premises at suitable location within lead of 3.0 kms. etc. complete as directed by Engr. (a)'0.0 m to and including 1.5 m	100.00	M3	200.00	20000.00
41	(b) same as above but for Below 1.5 m & up to 3.0 m	6.00	M3	218.73	1312.41
42	(c) Same as above but excavation with JCB up to 5.00 mt Depth	0.25	M3	229.24	57.31
43	(d) AS above but for qty. up to 0.5 m3 at one location	25.00	No	103.06	2576.43
44	(e) Excavation with 300mm dia. auger boring UP TO 3M depth	1.00	RM	602.52	602.52
45	Excavation for pit including dewatering, removing of mud, shoring, strutting,etc.for attending leakage of pipe line, etc. complete.	1.00	M3	283.93	283.93
46	Earth work in excavation (area grading) in all type of soil up to grade level/required level as directed by Engineer-in charge and transportation and disposal of excavated material to the dump sites within the lead of 03 (three) kms. Including maximum lift of 1.0 mtr	5.00	M3	97.80	489.01
47	Backfilling to proper grade & level with selected available earth within a plant area including re-excavating the deposited earth earlier, breaking clods, laying at all depths and height in layers of 15 cm loose thickness, watering and ramming to compaction, dressing, etc. for general site grading & plinth filling etc.complete	1.00	M3	109.37	109.37
48	Same as above but without consolidation	2.00	M3	82.03	164.06

49	Surface dressing of the ground in ordinary soil including removing vegetation, pebbles, aggregates and stacking as directed, excavation / filling up to 150mm thickness, disposal of rubbish and excavated materials to a lead of 1 Km. as directed or outside premises at suitable location, dressing, levelling to required gradient, compacting, etc. complete.	1.00	M2	12.63	12.63
50	Filling fly ash under floors, in foundations, plinths, roads etc.including spreading in layers of 15 cm loose thickness at all depths, watering, consolidation, dressing and levelling, etc. complete.(Fly ash of required quantity shall be supplied at work site on specific request and the remained/unused quantity of fly ash shall be removed from site.)	20.00	M3	125.42	2508.39
51	Same as above but Fly ash will be issued from fly ash silos. Necessary transportation by fully covered	1.00	M3	262.89	262.89
52	do- but murram of approved quality including supply of murram.	1.00	M3	454.30	454.30
(C)	**FOUNDATION & CONCRETE WORKS:**				
53	Supplying & laying to proper level and slope rubble soling in any thickness as sub base for pavements, floor slabs, etc. including hand packing, wedging, binding using bed material, watering, ramming, manually compacting, dressing, etc. with all materials, labours, etc. complete. (Bed material of required quantity shall be supplied at work site on specific request and the remained/unused quantity of bed material shall be removed)	0.50	M3	1703.93	851.96
54	Providing 230mm thick rubble soling (Required quantity of rubble available at JNT-13 of power plant) and filling voids with bed material in line and level including all labour charges, tools and tackles required for completing the work satisfactorily as instructed by Engg-in-charge to the line and level incl.transportation of sand from site and rubble from JNT-13(conveyor belt)location to work site. Segregation of suitable stone/breaking to required size will be in the scope of contractor only. (Bed material of required quantity shall be supplied at work site on specific request and the remained/unused quantity of bed material shall be removed)	5.00	M3	715.08	3575.40
55	Dressing and levelling and compacting of soil in base & side slope for construction of drain with rubble soling (Required quantity of rubble available at JNT-13 of power plant) to proper line and level for base and side slope of drain with rubble soling in thickness not less than 230 mm as base and side slope for drain including bading with 20 mm thick cement sand mortar (1:5), hand packing, wedging, binding, filling with cement-sand mortar (1:6) material, watering, ramming, manually compacting, dressing, dewatering, (if required) and pointing with cement-sand (1:2) mortar, curing with all materials (except rubble), labours, etc. complete.. Rate is incl.transportation of rubble from JNT-13 (conveyor belt) location to work site. Segregation of suitable stone/breaking to required size will be in the scope of contractor only.	5.00	M2	312.71	1563.55

56	Providing & laying plain cement concrete 1:4:8 with 20 mm down graded stone aggregates in foundations, floors, etc. including tamping, curing, shuttering the edges, at all dept & thickness etc. complete.	3.00	M3	2882.99	8648.96
57	.-do- as above but qty up to 0.5 m3	10.00	No	1741.28	17412.78
58	Providing Post construction anti-termite treatment for both types of termite i.e. subterranean or ground nesting termites and non- subterranean or wood nesting termites having no contract with soil. Creating a chemical barrier at top surface of floor (plinth area) ,junction of wall and floor along the periphery of building, outside periphery, expansion joints, periphery of wood works, etc..with approved emulsifiable insecticides at the rates and concentration including drilling of holes minimum 200mm depth-12mm dia. at 300mm c/c, Re plugging hole white white cement and finishing the surface good. complete as directed by engineer	200.00	M2	53.00	10600.53
59	Providing & laying plain cement concrete 1:2:4 with 20 mm down graded stone aggregate in flooring, plinth pavements, walkways, 'etc. including laying in alternate panels, tamping, curing, finishing 'top surface as required, shuttering, etc. Complete.	10.00	M3	3195.47	31954.68
60	.-do- as above but qty up to 0.5 m3	10.00	No	1614.29	16142.95
61	Providing & laying reinforced cement concrete of M15 grade or M20 'with 20 mm down graded stone aggregates in foundations, or super structures for footing, columns, beams, walls, slab, lintels, chajjas,'rafts, staircase, facias, coping or any other places including leaving 'pockets, openings, vibrating, curing, etc. complete (excluding cost of shuttering cement & reinforcement) for the following: (a) For work below Ground level 0.00m. to 1.5m.	5.00	M3	3326.87	16634.34
62	(b) .-do- as above but For work below Ground level 1.5m. to 3.0m.	1.00	M3	3399.74	3399.74
63	(c) .-do- as above but For work above Ground level 0.00m. to 5.0m.	1.00	M3	3326.87	3326.87
64	Same as above item but for content below 0.5 M3 at one location and for all elevations	1.00	M3	4021.74	4021.74
65	Providing and laying cement concrete 1:2:4 nominal mix in layers not exceeding 150 mm depth well consolidated in foundations and steel I beams encasing or Electric pole encasing including surface cleaning of I beams/poles, preparing and ramming the base before placing the concrete and curing, watering, compacting, dewatering (if required) etc. all complete excluding cost of formwork as directed by Engineer in charge including cost of all labours, supervision, materials (except free issue of cement), equipments, tools & tackles.	10.00	M3	3651.49	36514.94
66	Providing and laying 50mm thick damp proof course in cement concrete M150 including placing, tamping, curing, shuttering, applying two coats of hot bitumin of grade 80/100 at rate of 1.7 Kg./M2, spreading uniform layer of sand over hot bitumen, etc. complete.	1.00	M2	309.17	309.17

67	Providing, erecting & removing form work of concrete works at all elevation below or above grade level and for all shapes including scaffolding, centering, bracing, providing, openings/ cut-outs/'pockets, etc. complete as per specifications and as directed by Engineer. (a) Form work to give medium smooth finish using plain swan & wrought timber boards for foundations, rafts, pedestals, grade beams, columns, etc.upto G.L.	1.00	M2	331.26	331.26
68	(b) Form work to give fair & smooth finish for exposed concrete surface using sheeting formed from tongued and groved boards/plywood steel sheets for column, beams, chajas, slabs, walls, coping, facias, fins, staircase, etc. (i) For height up to 3.0 m	2.00	M2	269.42	538.84
69	(ii) same as item no 68 but For height above 3.0 m	1.00	M2	293.71	293.71
70	Providing and erecting / fixing at position scaffolding work for any height above 3.0 mtr. level and removal after completion of work including all materials & labour For scaffolding work without making holes in existing construction (i.e. double scaffolding)	1.00	M2	167.83	167.83
71	Labour Charges for erecting / fixing at position scaffolding work for any height. level and removal after completion of work including all fitting materials & labour.	1.00	M2	119.34	119.34
72	Labour charges for cutting, lapping, placing and fixing in position of reinforcement bars at all elevations including binding with 18 gauge soft annealed black wire, etc. complete shown on drawings or as directed by Engineer for the following: 'For Mild Steel and High yield strength deformed bars	0.25	MT	12154.82	3038.70
73	Grouting of M.S. inserts like pipes, angles, channels, Frame etc. including shuttering, scaffolding, etc. at all heights. with cement concrete, etc. complete as directed.	1.00	No	143.54	143.54
74	Finishing on MS frame with cement plaster and match with existing surface on MS Door/Window/Ventilator including removing of damaged MS surface area at any height as per instruction of Site Incharge	1.00	No	177.77	177.77
75	Providing and erecting in position precast reinforced concrete elements of M:30 mix with 20 mm down graded stone aggregates for trench covers, shelves, etc. as per specified size and thickness including preparation of mould, vibra ting, tamping, curing, finishing the top surface to give smooth finish, providing lifting lugs, transportation to site, aligning & fixing in position, breaking concrete surface, if required, proper fixing in position and making good, etc. complete but excluding cost of reinforcement, as per specification and as directed by Engineer. (a) For unit weight not exceeding 200 kg	0.50	M3	13250.05	6625.03
76	(b) same as above but For unit weight above 200 Kg. & up to 500 Kg.	0.50	M3	14354.22	7177.11
77	Providing and erecting in position precast reinforced concrete FSRC Chamber cover (Including cost of Cement & Reinforcement steel) as required size & thickness. (a) size 0.450m x 0.450mx0.075m	1.00	No	494.07	494.07

78	(b) Same as above but size 0.60m x 0.60mx0.075m	1.00	No	670.00	670.00
79	(c) Same as above but size 0.90m x 0.90mx0.075m	1.00	No	1333.98	1333.98
80	Providing and fixing in position precast reinforced concrete Block (Including cost of Cement & Reinforcement steel) in cement mortar 1:6 including preparation of sub-base in proper grade & camber, 'compacting, laying in approved pattern, pointing, watering, curing etc. complete as directed by Engineer. (a) size 0.450m x 0.450mx0.075m	1.00	M2	1906.37	1906.37
81	(b) Same as above but size 0.450m x 0.450mx0.050m	1.00	M2	1242.40	1242.40
82	Providing and fixing in position Prince Make-(DURAFIT) Manhole covers for 05 metric Ton capacity chambers (a) size 0.600m x 0.600m	1.00	No	6600.00	6600.00
83	(b) Same as above but Size Circular 0.500m	1.00	No	5220.23	5220.23
84	© Same as above but Size 0.900x0.600m	1.00	No	8742.56	8742.56
85	Providing and laying 1:4 cement sand screeding average 'thickness of 60mm over RCC surface including cleaning 'the surface, curing, etc. complete as directed.	1.00	M2	236.29	236.29
86	labour charge for punning on screeding	25.00	M2	44.17	1104.22
(D.)	**BRICK WORK, RR MASONRY PLASTER, FLOORING**				
87	Providing & laying uncoursed random rubble masonry in cement mortar 1:6 using approved quality locally available stones of good quality for wall footings etc., including scaffolding wherever necessary, curing, raking joints, dewatering wherever necessary etc. complete for work below ground/grade level at all depth and above grade level up to plinth as per specifications and drawings	1.00	M3	2282.32	2282.32
88	Providing & laying FLYASH brick masonary of 230/345 mm thick and above in cement mortar 1:5 using approved quality locally available bricks, including scaffolding wherever necessary, curing, raking joints, etc. complete as per specifications and drawings: a) In foundations and in works below plinth/grade level.	15.00	M3	3257.30	48859.57
89	b) Same as above item no. 88 but for 0.00m. to 3.0m.	5.00	M3	3325.76	16628.81
90	c)' Same as above item no. 88 but for Above 3.0m.	1.00	M3	3811.06	3811.06
91	c) 'Same as above item no 89 but for quantity up to 0.5 M3 at one location and for all elevations	35.00	No	2614.67	91513.57
92	Same as above item no. 89 but brick masonry by using ISI marked standard red bricks. a) In foundations and in works below plinth/grade level.	1.00	M3	5723.94	5723.94
93	b) Same as above but 0.00m. to 3.0m.	1.00	M3	6010.14	6010.14
94	Providing & laying 115 mm thick brick masonry walls in cement mortar 1:5 including providing RCC mullions and transoms as shown on the drawings or as specified using approved quality locally available bricks, including scaffolding wherever necessary, curing, raking joints, etc. complete (reinforcement, shuttering and concrete of transoms and mullions will be measured and paid for separately). a) 0.00m. to 3.0m.	10.00	M2	470.36	4703.62

95	b) Same as above but Above 3.0m	1.00	M2	539.02	539.02
96	c) 'Same as above item 94 but for quantity up to 0.5 M2 at one location and for all elevations	10.00	No	304.75	3047.55
97	Same as above item no. 94 but brick masonry by using ISI marked standard red bricks. a) 0.00m. to 3.0m.	1.000	M2	802.55	802.55
98	Providing smooth cement plaster 13 mm thick in cement mortar 1:4 for RCC, brick work including scaffolding, curing, etc., complete as per specifications. a) 0.00m. to 3.0m.	150.00	M2	198.75	29812.44
99	b) Same as above item 98 but Above 3.0m.	30.00	M2	227.75	6832.63
100	(c)Same as above item 98 but for quantity up to 0.5 M2 at one location and for all elevations	85.00	No	175.56	14922.46
101	(d)Same as above item 98 but including providing chicken mesh at all level.	1.00	M2	221.94	221.94
102	Providing 6 mm thick cement plaster to ceiling in cement mortar 1:3 including scaffolding, curing, etc. complete.	1.00	M2	157.90	157.90
103	Providing exterior sand faced cement plaster 20 mm thick in 2 layers (first layer of 14 mm and second layer of 6mm thickness) in cement mortar 1:4 using approved quality sand for second layer finished on RCC, brick work, including scaffolding, curing, etc. complete as per specifications. a) 0.00m. to 3.0m.	75.00	M2	232.98	17473.34
104	b) Same as above but Above 3.0m.	15.00	M2	266.98	4004.68
105	Prov.& making 12 mm x 12 mm grooves in plaster	5.00	RMT	46.37	231.86
106	Providing flush pointing with cement mortar 1:3 on brick work for walls, floor, etc. at all elevations including curing, racking out joints, etc. complete.	1.00	M2	202.06	202.06
107	Providing vata (approx 100 x 100 mm in triangular shape) in CM 1:2 including finishing with cement slurry, chipping, curing, scaffolding, if required, etc. complete. Up to plinth	300.00	RM	86.12	25837.24
108	Same as above item but above plinth level	150.00	RM	115.68	17351.54
109	Providing vata (approx 50 x 50 mm in triangular shape) in CM 1:2 including finishing with cement slurry, chipping, curing, scaffolding, if required, etc. complete.	50.00	RM	43.11	2155.69
110	Providing & laying brick pitching at floor/sides of drain etc. in CM 1:6 including preparation of sub base in proper line & level, compacting, laying in approved pattern, pointing, watering, curing etc.completed as directed by Engineer.	175.00	M2	470.37	82315.22
111	labour charges for making temporary walking track at required site including necessary levelling work and laying of bricks/Pavered Block/precast Tiles as per instruction of site in charge.	1.00	M2	19.89	19.89
112	Providing & laying 40 mm thick (1:2:4) Indian Patent Stone flooring 'with cement concrete 1:2:4 using 10 mm down graded black trap aggregates at various elevations, in alternate panels including preparation of base, finishing to line levels & camber, rounding junctions and corners, curing, edge shuttering etc., complete as per 'specifications and as directed by Engineer.	20.00	M2	303.65	6072.96

113	Providing & laying Machine cut 25 mm to 40 mm thick polished Kota stone in flooring, dado, skirting, etc. laid on 20 mm thick cement mortar 1:4 mix in proper line & level including machine polishing to the satisfaction of Engr. etc. complete as directed by Engr in charge.	1.00	M2	1048.39	1048.39
114	Same as above item no-113 but for risers, treads, platform patti, etc.	1.00	M2	1238.79	1238.79
115	Same as above item no-113 but for machine cut, double polished for 'partitions, selves in cupboard, etc.	1.00	M2	1297.83	1297.83
116	Same as above item no-113 but for approved quality marble stone .	1.00	M2	1365.86	1365.86
117	Providing and laying 20mm thick semi polished kotah stone slab with machine cut sides in planter box/sitting benches over a bed of 20mm 'thick in cement mortar 1:4, including pointing the joints with white cement slurry mixed with matching pigments including providing edge bevelling of both edge of stones of required profile as approved by Engineer in charge including buffing, waxing all complete as directed. BASIC RATE OF KOTA IS 50/SQ.FT	5.00	M2	1305.13	6525.67
118	Same as above item but for approved quality marble stone .	1.00	M2	1490.63	1490.63
119	Providing & laying black/green granite of approved quality including cutting, placing in line and level on 20mm thk. CM 1:3 bedding and cement paste, filling the joints with approved colour cement, cleaning, finishing in all respect, etc. complete as directed by Engr. in charge. (Basic rate of granite Rs.170 / Sq.ft.)	1.00	M2	2666.57	2666.57
120	Polishing work of existing terrazo/ kota stone/ marble/ mosaic tiles,'on floor, terrace, dado and skirting with machine and by hand in single or double operation including filling the joint with grey, white or coloured cement, levelling by grinding with machine and bringing the floor to granothick finish including washing, cleaning with oxatic acid and polishing the floor with wax polish with all labour, materials, etc. 'complete.	5.00	M2	91.65	458.24
121	Polishing edges of Marble stone / Kota stone	1.00	Rmt	45.28	45.28
122	Polishing edges of Granite stone	1.00	Rmt	68.46	68.46
123	Labour charges for laying floor tiles & dado including cement mortar bedding, filling joints with white cement colour filler, curing , etc. complete (Tiles shall be issued free of cost by GIPCL at stores).	15.00	M2	445.46	6681.91
124	As above but qty less than 0.5 M2	25.00	No	221.00	5524.99
125	Providing & filling joints of floor/dado tiles with white cement, colour filler, curing etc.complete .	25.00	sq.m	28.70	717.62
126	Providing & filling joints of floor/dado tiles with white cement, colour filler, curing etc.complete. This item shall be operated for misc. tiles joint filling in Toilet/Bath room & Kitchen area (in case on entire floor joint filling, the above item of Sq.mtr shall be operated.	40.00	M	15.77	630.98
127	Labour charges for laying wall skirting up to 150mm width including cement mortar bedding, filling joints with white cement colour filler, curing , etc. complete (Tiles shall be issued free of cost by GIPCL at stores).	1.00	RMT	47.51	47.51

128	Precast terrazzo tiles of 20 mm minimum thickness in white cement with marble chips of size and colour as required laid on 20mm minimum thick bed of CM 1:6 with neat cement slurry and pointed with neat cement mixed with pigment to match the shade of tiles for floors and landings including rubbing & polishing, waxing etc, all complete as directed.	1.00	M2	583.00	583.00
129	Providing and laying of precast slabs of 50mm thickness of basket wave pattern made up of CC 1:2:4 (1 cement, 2 sand , 4 hard blue granite stone metal 12mm to 19mm gauge) including providing necessary ribbed grooves as per instructions of engineer in charge. The slabs are to be laid over a bed of well consolidated river sand of minimum thickness 75mm including necessary dressing and ramming the bed up to 15cm.	1.00	M2	433.94	433.94
130	Exposed aggregate plaster using 8mm to 10mm white marble chips of shade approved ,over cement plaster of 4mm thickness including base plaster of 12mm thickness with cement mortar 1:5, The marble chips should be applied on uniform texture to the exterior faces, of wall in strip panels or bends with necessary	1.00	M2	494.67	494.67
131	Providing and fixing chicken wire mesh of 24 gauge at the junction of brickwork and RCC work including fixing with nails, raw plug, etc before applying plaster.	1.00	M2	104.90	104.90
132	Cement concrete plinth protection around the building formed of plain C.C. 1:3:6 (using steel shuttering moulding) precast slab of size of approx. 45x45x5 cm using 12mm to 19mm gauge graded blue granite stone metal laid over well consolidated river sand filling 10cm depth to required level, grade or slope pointing the joints neatly with CM 1:3 including necessary earth work dressing and ramming the bed disposal of earth, and dressing sides. Complete as directed by site in charge Engineer	1.00	M2	464.86	464.86
133	Labour charges for removing of existing precast slab & Curb stone of any size from plinth protection area incl. filling of necessary sand/Bad materials/Fly ash etc.. and refixing of the same to required level, grade or slope pointing the joint and refixing of the same with CM 1:3 including necessary earth work dressing and ramming the bed disposal of earth and dressing sides. Complete as directed by site in charge Engineer	5.00	M2	415.71	2078.57
134	Labour charges for removing of existing precast slab Tiles, pavered floor/ walkway area incl. filling of necessary sand/Bad materials/Fly ash etc..and refixing of the same to required level, grade or slope pointing the joint and refixing of the same with CM 1:3 including necessary earth work dressing and ramming the bed disposal of earth and dressing sides. Complete as directed by site in charge Engineer	150.00	M2	296.94	44540.93
135	To provide & filling of Cement-sand Mortar (1:3) in existing Precast floor joints / crack filling up to 5mm thick including clean the existing damaged joints and finish the same with cement mortar and match with finish surface etc.. Completed as directed by site in charge Engineer	350.00	Rmt	15.00	5249.58

136	To provide & filling of Cement-sand Mortar (1:3) in existing Precast floor joints / crack filling up to 40mm thick including clean the existing damaged joints and finish the same with cement mortar and match with finish surface etc. Completed as directed by site in	50.00	Rmt	26.29	1314.72
137	Providing and laying first quality vitrified tiles of 8mm to 10mm thick of Nitco, Kajaria, Jhonson, Somani, Bell, Asian or Euro make in flooring, treads of steps and landing laid on 20mm (average) base of cement mortar 1:4 (1cement : 4 coarse sand) and finished with flush pointing in white or colour cement etc. complete. (A) GROUND FLOOR (Basic Rate : Rs 700 per S.M.)	30.00	M2	1035.82	31074.51
138	Same as above item but for total executed gross work done quantity less than or equal to 0.50 M2 at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	2.000	No	660.40	1320.80
139	Providing and laying first quality vitrified tiles of 8mm to 10mm thick of Nitco, Kajaria, Jhonson, Somani, Bell, Asian or Euro make in flooring, treads of steps and landing laid on 20mm (average) base of cement mortar 1:4 (1cement : 4 coarse sand) and finished with flush pointing in white or colour cement etc. complete. (A) GROUND FLOOR (Basic Rate : Rs 550 per S.M.)	3.00	Rmt	122.57	367.70
140	Providing and laying first quality ceramic floor tiles (12" x 12" size) 6mm. Thick of approved design and shade of Nitco, Kajaria, City, Johnson or equivalent make at all floor levels in flooring, treads of steps and landings laid on bed of 20 mm. thick cement mortar 1:3 (1 cement : 3 fine sand) finished with flush pointing in coloured cement of approved shade, all complete including cost of labour, supervision, all required materials, equipments, tools and tackles etc., all complete as directed by Engineer-in-charge. (Basic rate Rs. 400=00 per S.M.)	50.00	M2	880.18	44009.07
141	Same as above item but less then 0.5 M2	20.00	No	607.30	12145.92
142	Providing and laying first quality glazed wall tiles (18" x 12" size) 6mm Thick of Nitco, Kajaria, City, Johnson or equivalent make at all floor levels in skirting, risers of steps and dado on 10 mm. thick cement plaster 1:3 (1 cement : 3 fine sand) including necessary cement paste for fixing and joints with coloured cement slurry, all complete including cost of labour, supervision, all required materials, equipments, tools and tackles etc., all complete as directed by Engineer-in-charge. (Basic rate Rs. 400=00 per S.M.).	10.00	M2	880.18	8801.81
143	Same as above item but less then 0.5M2	10.00	No	634.58	6345.84

144	Providing & laying heavy duty 25mm thick bituminous industrial mastic flooring work with mixing a bituminus and fine power, aggregate bonder and make a mortar with heat process and laying on base surface including cleaning the floor surface with wire brush, remove all dust and clean the oily surface including one coat of primer etc.. complete as directed by Engineer-in-charge	1.00	M2	1550.26	1550.26
145	Providing & laying 8 mm thick totally vitrified (special quality)Required size thick tiles of approved Brand heavy quality or its 'equivalent quality of approved plain shade in floor/ dado over 25mm thick bedding of 1:6 cement mortar, cutting chase in walls as required including pointing of the joints with white cement mixed with colour pigment to match, curing, etc. complete in floors. (Basic rate Rs.1200/- per SM)	1.00	M2	1974.26	1974.26
(E.)	**DOORS, WINDOWS, PARTITION, WOOD**				
	WORK, ROLLING SHUTTER, CEILING, ETC.				
146	Providing & fixing Maleysian sal wood frame from 125mmx65mm size sections for door with 38mm thick commercial flush door 'shutters including providing 6 Nos. of hold fasts fixed in concrete block (M-15) for make heavy duty hinges, Iron oxidised fixtures like handles, aldrops stoppers, pagstays, etc. including teakwood edge lipping, etc. with two or more coats of synthetic enamel paint 'of approved make and shade over a coat of primer, etc. complete as per design.	5.00	M2	6096.30	30481.49
147	Providing & fixing 30mm thick commercial flush door shutters with existing door frame including providing 6 Nos. of hold fasts fixed in 'concrete block (M-15) for make heavy duty hinges, Iron oxidised fixtures like handles, aldrops stoppers, pagstays, etc. including teakwood edge lipping, etc. with two or more coats of synthetic enamel paint of approved make and shade over a coat of primer, 'etc. complete as per design.	5.00	M2	4299.58	21497.88
148	Supplying & fixing standard steel `Z' section openable windows /ventilators as per detail drawing with 12mm Sq.M. S. safety bars at '100 mm c/c including 5.5 mm wired / plain glass fixed with glazing 'pins & special metal filler putty, holdfast embedded in concrete '(1:2:4) blocks, fixing Iron oxidised fixtures, like handles, peg stays, aldrops, etc. with one coat of zinc chromate primer & two coats of oil paint of approved shade and	1.00	M2	5440.76	5440.76
149	Providing and fixing in position powder coated aluminium windows having sections of Jindal, Narmada, Banco or equivalent make having section with two track section 61.85 mm x 31.75 mm (weight 0.695 kg/mtr) shutter framing size 40mm x 18mm (weight 0.464 kg/mtr.) mounted on bearing to slide on tracks including 5 mm clear plain sheet glass, PVC track gasket, EPDM rubber gasket on glass of weather tightening along with locks, handle including sealing gap with existing wall faces with silicon sealants making it water proof in all manner, etc. complete at all floor levels. For other than above section as per site requirements & directed, payment will be on prorata basis as informed by Engineer-in-charge. a) Fixed type	1.00	M2	5792.63	5792.63

150	(b)' As above item but for Sliding type	1.00	M2	6211.99	6211.99
151	(c)' As above item but Openable type	1.00	M2	6211.99	6211.99
152	providing and fixing 4mm thick plain glass "Modi" or equivalent brand in existing glazed windows or doors or ventilators including removal of damaged existing glass with do care.	5.00	M2	1736.46	8682.29
153	Providing and fixing in position powder coated aluminium louvered glass ventilators of adjustable type including with frames having section 50mm x 25mm (weight 0.50 kg/mtr.) glazing cleat section (weight 0.096 kg/mtr) with fixing 4 mm thick bajri / clear glass making frame and glass water tight, making it good, etc.	1.00	M2	5908.14	5908.14
154	Providing & fixing in position fully glazed aluminium door size and 'shape as per details by using extruded section fabricated by 'standard manufacturer with outer frame of size 101.5x44.5x2.0mm door shutter with top rail of size 44.5x47.5x2mm & lock and bottom rail of size 114x44.5x2mm or with equivalent alu. sections with 15 micron silver/colour anodizing with 5 mm plain glass including all necessary fixtures like locks, hinges, contact tower bolt, PVC gasket and weathering, aluminium screws, beadings, etc. complete as	1.00	M2	8654.60	8654.60
155	Providing & fixing in position aluminium partition as per size and 'shape as per details by using extruded anodised sections fabricated 'by standard manufacturer with top & vertical members of size 63.5x38x2.0mm thick and middle & bottom members of 100x38x2mm thick with 15 micron silver/colour anodizing. All the sections are to be filled with timber for better fitment of the screws. The bottom panel shall be fitted with 12mm thick Bhutan prelaminated boards and 5.5mm thick plain glass in top panel including all slandered accessories like screwless beading, PVC gasket, etc. complete as directed.	1.00	M2	7119.38	7119.38
156	Providing and fixing Sintex door with frame as per manufacturers specifications including necessary hinges, aldrops, sttopers,handles. etc. complete.	1.00	M2	3277.70	3277.70
157	Same as above but for windows	1.00	M2	3231.09	3231.09
158	Providing and fixing WPC (Wood Plastic Composite) board with 30mm thickness Flush door of approved Texture and required size (Make KAKA or equivalant quality) as per manufacturers specifications including necessary hinges, aldrops, sttopers, handles. etc. complete.	1.00	M2	2450.43	2450.43
159	Providing & fixing wood work for doors, windows, partition frames, ceiling frames , etc, including finishing, grinding with sand paper applying one coat of wood primer and cost of all labour, material, etc. complete for following category of wood: (a) First class teak wood- Basic rate 100000 per m3. Note: Contractor shall submit bill with GST For Basic rate calculation.	2.00	Cub. Ft	4206.37	8412.73
160	(b) Same as above but First class Devdar/Chill wood Basic rate 60000 per m3	1.00	Cub. Ft	2502.79	2502.79

161	Providing & fixing wooden finish size patti (width 1.25" to 1.50" & Thickness up to 0.5") for frame reparing of Door/windows, Vetilation, etc. The rate is including removing of existing door/window/Ventilation shutter from hinges, glass panael, damaged wooden patti etc..and providing & fixing of required size new wooden patti fixing of the same in position including cost of all labour, materials, nails/screw, favicole etc. complete for following catogary of wood:- Measurement as per actual	50.00	M	52.58	2628.93
162	Providing & fixing approved quality water proof plywood for partition, ceiling, walls, cupboard shelves, doors, etc, 'including necessary hardwares, etc. complete as directed. (a) 6 mm thick	1.00	M2	1638.85	1638.85
163	(b) Same as above item-162 but for but 12 mm thick	3.00	M2	2727.01	8181.03
164	© Same as above item-162 but 18 mm thick	1.00	M2	1087.42	1087.42
165	Providing, supplying & applying standard 1.5mm thick single piece "Greenlam" or other equivalent approved make, color & shade laminate of basic rate Rs. 490/- per M2 on table, partition, shutter, which includes removing the doors/partitions, cleaning & necessary roughening the surface for proper bonding of new laminate, fixing the full size single piece laminate with approved adhesive, ensuring zero air entrapping, refixing the door/partition in proper alignment for smooth operation with new fasteners, new SS hinges, including removing & refixing door closures, name plates, door stoppers, etc... whichever necessary.	1.00	M2	2622.16	2622.16
166	Providing & fixing laminated sheet of`Formica' `Decolam' or 'equivalent make of approved design and shade of 1.5 mm thick on table, partition, shutter, etc. with approved quality adhesive 'including clamping, finishing, cleaning the surface with all labours, materials, etc. complete.	1.00	M2	790.78	790.78
167	Supplying & fixing in position false ceiling with alu. grid work 35x25x1.5mm bulb tee in main & 25x25x1.5mm tee of approved quality, including making provision for electrical and air conditioning fittings, flush with ceiling, providing & fixing GI hooks, 8 SWG GI wire suspension, fixing aluminium grid work to R.C.C. slab and 25 'x 25 x 1.5mm angle to walls, etc. with necessary hardwares, drilling of holes and supplying and fixing 12mm thick 600x600mm size plain Gypsum boards in alu. frame work, etc. complete.	1.00	M2	1395.44	1395.44
168	Providing & Fixing “Armstrong” make false ceiling of approved colour and textures including standard “Armstrong” grids, channels as per detailed specifications and scope of work mentioned in this tender as directed by Engineer-in-charge.	5.00	M2	1590.65	7953.24
169	Providing & fixing “Gyptech” vinyl laminated gypsum panel false ceiling including standard grids, channels as per detailed specifications and as directed by Engineer-in-charge.	1.00	sq.ft	115.84	115.84

170	Providing and fixing standard 5mm thick aluminium grills (opening 50mm x 60mm) to the windows and ventilators, as per drawing with necessary fasteners, fixtures, bolting, drilling in walls/marble etc. complete as directed by Engineer in charge including providing outer frame of "F" channel regular section 1" X 1/2" plain anodized and internal support at 750mm spacing with "H" channel of regular section 2" X 1/2" plain anodized and finishing etc complete.	1.00	M2	1668.03	1668.03
171	Repairing of existing false ceiling with providing and fixing & anchoring in true horizontal line and level suspended Gypboard false ceiling by fixing with all required 12.5mm thick Gypboard material & as required accessories like G.I.Perimeter channels, screw, rawl plug, GI intermediate channel with MS flat, GI cleat, expansion fasteners, connection clip etc. complete to match with in line and level of existing false ceiling and also including putty finishing and applying two coats of flat oil paint over coat of primer etc. complete. as directed by Engineer in charge.	1.00	M2	1011.03	1011.03
172	Supplying & fixing 12 mm thick of required size plain Gypsum board tiles in ceiling incl. Removing of damaged boards.	1.00	No	315.30	315.30
173	Providing & fixing locks in quarters as well as infrastructure buildings a) Six lever mortice lock godrej	1.00	No	2121.74	2121.74
174	b) Providing & fixing Two lever mortice lock godrej or equivalent make	1.00	No	1203.79	1203.79
175	c) Providing & fixing Godrej or equivalent make cupboard lock	1.00	No	210.28	210.28
176	d) Providing & fixing Godrej or equivalent make wardrobe lock	1.00	No	304.72	304.72
177	e) Providing & fixing Godrej or equivalent make Keyless mortice with handle	1.00	No	444.49	444.49
178	f) Providing & fixing Godrej or equivalent make keyless cylindrical door lock	1.00	No	1523.63	1523.63
179	g) Providing & fixing Godrej or equivalent make cylindrical door lock	1.00	No	1167.27	1167.27
180	h) Providing & fixing Aluminium glass door lock	2.00	No	1380.08	2760.15
181	Providing & fixing Multi level approved quality Door Lock (with three keys) (Basic rate -Rs.800/-)	25.00	No	1303.26	32581.53
182	Labour charges for removing, repairing and refitting of any type locks supplied by GIPCL.	50.00	No	314.80	15739.95
183	Labour charge for repairing and refitting in door/ window including necessary fittings i.e. nails, screws, etc.. a) D-Type handle/Stopper/Tower bolt up to 150mm	150.00	No	65.48	9821.63
184	b) Same as above item-183 but for Towerbalt-250mm / Eye view/ Cupboard magnate	5.00	No	98.22	491.08
185	c) Same as above item-183 but for Baby latch / Hook & Eye- 100mm & 150mm	1.00	No	57.93	57.93
186	d) Same as above item-183 but for Door catch/Towel ring/tower rod	10.00	No	70.60	705.98
187	e) Same as above item-183 but for Aldrop	20.00	No	163.69	3273.88
188	f) Same as above item-183 but for Mirror/ Liquid dispensor fixing work including necessary fittings	5.00	No	143.54	717.72

189	Supplying & Fixing of following hardware fittings in any type wood doors/windows/ventilation etc.. Including necessary fittings (i.e. screw nail, adhesive etc..). a) Aluminium tower bolt 250mm long power coated Everite or equivalent	1.00	No	128.44	128.44
190	b) Same as above item-189 but for Aluminium tower bolt 150mm long power coated Everite or equivalent	1.00	No	99.48	99.48
191	c) Same as above item-189 but for Aluminium tower bolt 100mm long power coated Everite or equivalent	1.00	No	70.52	70.52
192	d) Same as above item-189 but for Aluminium tower bolt 75mm long power coated	1.00	No	85.63	85.63
193	e) Same as above item-189 but for Aluminium bathroom latch power coated Everite or equivalent	1.00	No	75.55	75.55
194	k) Same as above item-189 but for stainless steel Eye and Hook 150mm of approved quality & make	1.00	No	284.57	284.57
195	l) Same as above item-189 but for stainless steel Eye and Hook 100mm of approved quality & make	1.00	No	246.80	246.80
196	n) Same as above item-189 but for Stainless steel Premium Hinges 4" length	45.00	No	56.66	2549.90
197	o) Same as above item-189 but for Stainless steel Premium Hinges 6" length	25.00	No	85.63	2140.69
198	p) Same as above item-189 but for Piono hinges	1.00	RM	128.44	128.44
199	q) Same as above item-189 but for Cupboard magnate	40.00	No	105.77	4230.70
200	r) Same as above item-189 but for D type Handle 100mm long Everite or quuivalant	25.00	No	58.24	1455.92
201	s) Same as above item-189 but for D type Handle 150mm long Everite or quuivalant	45.00	No	81.31	3659.14
202	t) Same as above item-189 but for Stopper 4'' heavy duty/ Pavan akadi)approved quality and make	50.00	No	46.15	2307.75
203	u) Same as above item-189 but for stopper 6'' heavy duty)approved quality and make	25.00	No	148.88	3722.00
204	v) Same as above item-189 but for Aldrop 200mm long (Aluminium heavy duty) approved quality and make	10.00	No	219.77	2197.69
205	w) Same as above item-189 but for Aldrop up to 200mm long (Stainless steel heavy duty) approved quality and make	5.00	No	394.34	1971.72
206	Repairing of doors i.e. main panel doors, Bedroom flush doors, bath & w/c doors, windows, ventilators etc.in qtrs. by without removing shutter from the hinges/frame, minor repairing like Rubbing, nailing, bedding replacement or fixing where shutter not require to open from frame, etc as directed and specified by engineer in charge. (nails, adessive are in contractor scope)	250.00	No	169.55	42387.13
207	Repairing of doors i.e. main panel doors, Bedroom flush doors, bath & w/c doors, windows, ventilators etc.in qtrs. by removing from the hinges, repairing the same including the fixing the new parts of wooden supply by GIPCL on existing base and refitting as directed and specified by engineer in charge. (nails, adessive are in contractor scope)	25.00	No	415.40	10385.12

208	Repairing of doors i.e. main panel doors, Bedroom flush doors, bath & w/c doors, windows, ventilators etc.in qtrs. by removing from the hinges, repairing or replacing the new parts of wooden and refitting as directed and specified by engineer in charge.(New wooden parts supply by GIPCL) and (nails, adessive are in contractor scope) including making required size and shap of wood as per requirement and also removing of all fixers and re fix the same if required.	100.00	SM	1051.59	105159.17
209	Repairing of Kitchen platform shutters frame/ cupboard cupboard frame as per requirement at site for level it and fixed with necessary material. (nails, adashive are in contractor scope)	150.00	No	267.05	40057.66
210	Providing & fixing in position GODREJ or approved make hydraulic door closure with adjustable spanners and screws including all fixtures, materials, labours, etc. complete.	1.00	No	3316.27	3316.27
211	Same as above item but for labour charges only (door closure shall be supplied free of cost by GIPCL).	1.00	No	319.34	319.34
212	Supplying & fixing floor spring of Everite or equivalent quality including removing of existing floor spring, fixing new unit with all materials & labour etc. complete. (I) Small size	1.00	No	5480.01	5480.01
213	(II) same as above item but for Big Size	1.00	No	7671.02	7671.02
214	Labour charges for repairing of alu. Door shutter and servicing floor spring as per instruction including changing of oil removing of door if required, setting, fitting loose sections of door etc complete. (The payment of parts will be made in respective item for supply of parts.)	1.00	No	1214.59	1214.59
215	Supplying and fixing item/parts required for repairing of alluminium doors/windows. a) Piston	1.00	No	934.02	934.02
216	b) Same as above item-215 but for Cam	1.00	No	659.31	659.31
217	c) Same as above item-215 but for Bearing	1.00	No	497.68	497.68
218	d) Same as above item-215 but for U-rod spring	1.00	No	497.68	497.68
219	e) Same as above item-215 but for Roller bearing for sliding window	1.00	No	104.85	104.85
220	f) Same as above item-215 but for Pivot	1.00	No	589.26	589.26
221	j) Same as above item-215 but for Heavy duty Aluminium foot stopper-with two legs	1.00	No	74.19	74.19
222	k) Same as above item-215 but for Aluminum latch	1.00	No	84.34	84.34
223	l) Same as above item-215 but for Heavy duty brass foot stopper	1.00	No	84.34	84.34
224	m) Same as above item-215 but for PVC beading	10.00	R.mtr.	84.34	843.45
225	n) Same as above item-215 but for Aluminium Panel patti for glass/wooden panelling	2.00	R.mtr.	57.83	115.67
226	o) Same as above item-215 but for Lock for aluminium door	1.00	No	785.69	785.69
227	Labour charges for fixing/Repairing of mosquito net of door/windows shutters including removing of existing damaged net and fitting new mosquito net including all necessary associated works. (mosquito net supply free of cost from GIPCL store).	600.00	M2	121.03	72615.94
228	same as above item but for content below 0.5 M2 at one location and for all elevations	500.00	No	78.93	39464.96

229	Repairing of tables, chairs etc. in Guest House ,Site Office Service Building etc.	50.00	No	68.40	3420.16
230	Repairing of Aluminium /wooden doors(repairing minor nature) by removing repairing floor spring, refixing the same as directed by engineer in charge	5.00	No	88.84	444.22
231	Providing and fixing best teakwood panelled door shutters 40mm thick with styles & top rail of 100x40mm lock & bottom rail of 150x40mm and panels with 12mm thick marine ply panel (kit ply) all as per detailed drawings including labour for fixing all necessary hardware fittings but excluding cost of fittings & frame.	1.00	M2	3537.08	3537.08
232	Providing and fixing Netlon or approved make mosquito net to the existing MS or wooden windows, ventilators, doors etc with necessary wooden or PVC framing including drilling in wall, bolting etc with all material, labour, tools & tackles.	1.00	M2	183.84	183.84
233	Providing and applying Sun control film "Gareware" make approved colour & shade for ordered quantity less than 1.00 sqm by Engineer-in-charge.	1.00	No	629.60	629.60
234	Same as above but ordered quantity more than or equal to 1.00 sqm.	1.00	M2	629.60	629.60
235	Charges of applicator with tools & tackles and to & fro transportation cost for above item .	1.00	No	668.64	668.64
236	Providing & fixing MS GRILLS or MS gratings of required pattern to window jams/ brick wall, platform, drain cover, etc.. with flats at required spacing and frame all round of square or round openings with round headed bolts and nuts or by screw or welding including applying two coats of red oxide primer all complete as directed by engineer in charge	1.00	KG	146.07	146.07
237	Supplying and fixing pressed steel door frames manufactured from 1.25mm thick carbon steel or imported steel strip with mitred joints welded and grinded in profile as per IS4351-1976 including steel hinges 125mm high conforming to IS 1341-1962 3nos for doors up to 1m wide 6nos for doors above 1m in width MS holdfasts of size 40x6mm and 40 cm long 6nos, locking arrangements and painting a coat of red oxide primer complete as per instruction of site in charge Engineer. (Rate should be inclusive of filling hollow portion of the frame with cement concrete mix 1:2:4) The rate should include cost of stainless steel frame (SS-304 grade) of same profile for 150mm height	1.00	SM	3022.06	3022.06
238	Same as above item-237 but for Window b) Size for Window / -105 x 60 x 1.25mm frame	1.00	SM	3525.74	3525.74
239	Same as above item-237 but for ventilator c) Size for Ventilator -105 x 60 x 1.25mm frame	1.00	SM	6561.66	6561.66
240	Labour charges for fixing of waterproof plywood of 12mm thick on wooden bed including necessary fittings i.e. nail, screw, adhesive etc..and to repair as per instruction of Engineer in charge.	1.00	No	545.23	545.23
241	Supply of "Amit" or equivalent make chip board screws for following sizes. (a) 16 x 6 mm	1.00	Box	503.68	503.68
242	(b) Same as above item-241 but for size 32 x 6 mm	1.00	Box	647.22	647.22
243	(c) Same as above item-241 but for size 32 x 8 mm	1.00	Box	720.26	720.26

244	(d) Same as above item-241 but for size 45 x 8 mm	1.00	Box	720.26	720.26
245	Providing and fixing "Demco" or equivalent make Telescopic channel for drawer units, size 12", 14", 20" . Rate includes removal of existing. Carpenter supply will be paid in separate item on prorata basis.	1.00	Inch	13.61	13.61
246	Providing, supplying & fixing SS Body "Godrej" make door keyless locks (baby latch) with handle for toilet doors including removing existing locks. Basic Rate Rs. 1500/- per No.	1.00	No	2619.12	2619.12
247	Providing, supplying & fixing approved make 150mm size door floor stoppers, including removing existing stopper.	1.00	No	284.57	284.57
248	Providing, supplying & fixing approved make full SS body decorative door handle of 12" size. Basic	1.00	No	999.80	999.80
249	Supply & fixing of ALBOSS Make lock for aluminium sliding window. The rate shall including removing of existing lock.	1.00	No.	105.77	105.77
250	Supply & fixing of roller MSK JAPAN Make (04/06 nos in each window replace) for aluminium sliding window. The rate shall including removing of existing aluminium window & refixing it & providing of silicon sealant. For payment number of window consider.	1.00	No.	706.41	706.41
251	Supply & replacing of 5 MM Thick glass for aluminium sliding window. The rate shall including removing of existing aluminium window & refixing it & providing of silicon sealant around frame..	1.00	SM	1414.08	1414.08
252	Repairing of hinges of door shutter. The work shall include removing of door shutter & fixing of new hinge either change location in granite frame & fixing of door shutter. The rate shall including of drilling in granite by hammer/ diamond drill, screws etc. completed.	1.00	No	681.22	681.22
253	Supply & replacing of Saint-Gobain make netlon for aluminium window shutter in existing window. The rate shall include removing of aluminium shutter from existing frame & refix it with replacing of new net. The rate shall also including providing silicone sealant around frame	1.00	SM	1130.75	1130.75
254	Providing & fixing of 1.5mm thick laminate of approved make & shape to existing flush door shutter. The rate shall includes removing of flush door form frame & removing of laminate from flush door shutter & fixing of shutter to frame. The basic rate of laminate is Rs.400per sq.meter. .	10.00	SM	1414.08	14140.77
(F)	**PAINTING:**				
255	Providing and painting interior surfaces with two coats of Oil Bound Distemper paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust, loose paint, filling cracks with approved crack filler, filling undulations with POP for making uniform surface (at required place only), scaffolding etc. complete at all elevation with all materials, labour, tools & tackles, safety tools & tackles, including shifting of racks, cupboards, tables etc. for painting of wall and repositioning of the same after completing the work, etc… all complete as directed by Engineer-in-charge .For payment actual treated area shall be measured. No coefficient applicable.	5.00	SM	55.21	276.03
256	Same as above but including a coat of primer	1.00	SM	60.73	60.73

257	Providing and applying two coats of white washing paint on existing surface of approved manufacture with mixing of "Fevicol" or equivalent approved adhesive @ 200gm per 10kg lime & Blue, on existing painted surfaces including cleaning of existing surface using wire brush, removing all dirt and dust, preparing surface for applying painting evenly, scaffolding at all elevation with all materials, labour, tools & tackles, safety tools & tackles etc… all complete as directed by Engineer-in-charge.	5.00	SM	19.87	99.35
258	Providing and painting two coats of synthetic enamel paint(approved make and shade) on wood/iron surface including cleaning of existing painted surface, removing all rust, dirt, dust, loose paint, providing required scaffolding, with all materials, labour, tools & tackles, safety tools & tackles at all height including cost of scaffolding, etc. all complete as per instructions of Engineer-in-charge.	5.00	SM	88.34	441.69
259	Same as above item but for one coat of red oxide primer.	5.00	SM	11.04	55.19
260	Providing and painting two coats of synthetic enamel paint (approved make and shade) on MS railing fabricated from 32NB MS/GI pipe of 1 mtr high vertical at every approx. 1 mtr. and 4 nos 15NB horizontal pipe including cleaning of existing painted surface, removing all rust, dirt, dust, loose paint, providing required scaffolding, with all materials, labour, tools & tackles, safety tools & tackles at all height including cost of scaffolding, etc. all complete as per instructions of Engineer-in-charge. For payment area shall be measured in Rmt .No coefficient applicable.	5.00	RM	57.42	287.10
261	Providing and applying melamine polish (ASIAN MAKE) in two coats over a sealer coat. Surface to be applied polish shall be sand papered thoroughly to remove dirt greese oil spots, and minor variations in the surface. Use 50 %matt finish and 50% glossy melamine polish. only surface area will be measured and paid for no measurement in rft/rmt shall be paid.	5.00	SM	652.56	3262.81
262	Providing and applying to exterior surfaces two coats of exterior emulsion paint of "Berger - Walmasta" or "Asian" make ACE exterior emulsion paint of approved colour and shed over a coat of exterior sealer on existing painted surfaces as per manufacturer's recommendations including cleaning of existing surface using wire brush, removing all dirt, dust, filling of cracks with approved crack filler, preparing surface for applying painting evenly ,scaffolding etc. complete at all elevation as directed by Engineer-in-charge with all materials, labour, tools & tackles, safety tools & tackles etc… all complete. For payment actual treated area shall be measured. No coefficient applicable.	5.00	SM	77.29	386.45
263	Providing and painting interior surface with two coats of acrylic emulsion paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust loose paint, filling cracks with crack filler, filling undulation with POP for making uniform surface (at required place only), tools, tackles, safety tools and tackles, scaffolding etc. complete at all elevation as directed by Engineer in charge. (Rates are including shifting of racks/cupboard tables etc. for painting wall and reshifting to the same location after completing the work) For payment	1.00	SM	78.40	78.40

264	Providing and painting interior surface with two coats of "Berger - Silky Luxury Emulsion" or "Asian - Royal Luxury Emulsion" paint of approved colour and shade as per manufacturer's recommendation including cleaning of existing painted surface, removing dirt, dust, loose paint, filling cracks with approved crack filler, filling undulation with POP for making uniform surface (at required place only), applying approved primer as per manufacturer's recommendations with tools, tackles, safety tools & tackles, scaffolding etc. complete at all elevation as directed by Engineer in charge. (Rates are including shifting of racks/cupboard tables etc. for painting wall and reshifting to the same location after completing the work).For payment actual treated area shall be measured. No coefficient applicable.	5.00	SM	138.02	690.10
265	Providing and painting surface with two coats of oil paint (approved make) for road side concrete curb blocks in two alternate black and white colour including surface cleaning with wire brush. Size of kerb stone is 400x200x100mm.	1.00	RM	55.21	55.21
266	Providing and cleaning of existing painted surface including removing of dirt, dust loose paint, filling cracks with crack filler, filling undulation with Birla White Putty for making uniform surface and prepare the base surface for painting work (at required place only), tools, tackles, safety tools and tackles, scaffolding etc. complete at all elevation as directed by Engineer in charge. for payment actual treated area shall be measured. No coefficient applicable.	1.00	SM	115.94	115.94
267	Providing and painting of false ceiling surface with two coats of acrylic emulsion paint including one coat of primer of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust loose paint, filling undulation with POP for making uniform surface (at required place only), tools, tackles, safety tools and tackles, scaffolding etc. complete at all elevation as directed by Engineer in charge. (Rates are including shifting of racks/cupboard tables etc. for painting of false ceiling and reshifting to the same location after completing the work).for payment actual treated area shall be measured. No coefficient applicable.	1.00	SM	149.07	149.07
268	Providing and painting interior surfaces with One coat of Oil Bound Distemper paint of approved manufacture, colour and shade including cleaning of existing painted surface, removing dirt, dust, loose paint (at required place only), scaffolding etc. complete at all elevation with all materials, labour, tools & tackles, safety tools & tackles, including shifting of racks, cupboards, tables etc. for painting of wall and repositioning of the same after completing the work, etc… all complete as directed by Engineer-in-charge. For payment actual treated area shall be measured. No coefficient applicable.	1.00	SM	34.23	34.23
269	Providing and applying two coat of "Geru/chuna" on tree of any dia size including surface preparation ,etc..as directed by Engineer in charge.	1.00	No	22.08	22.08
270	Painting sign boards with synthetic enamel paint of approved quality including painting the surface of board & painting matter in different sizes letters, making border, scaffolding, etc. complete as per instruction of Engr.	1.00	M2	839.17	839.17

271	cleaning of existing painted surface, removing dirt, dust, loose paint with using of Grinder and make a proper surface base for painting work. (all tools and tackles and necessary scaffolding work at any elevation are in contractor scope) as directed by Engineer in charge. (Rates are including shifting of racks/cupboard tables etc. for work and reshifting to the same location after completing the work).	1.00	M2	6.62	6.62
272	Providing and applying to exterior surfaces two coats of "Asian - Apex Weather proof exterior emulsion" or "Berger - Weather coat" exterior emulsion paint of approved color and shade over a coat of exterior sealer on existing painted surfaces as per manufacturer's recommendations, including cleaning of existing surface using wire brush, removing all dirt and dust, filling cracks with approved crack filler, preparing surface for applying painting evenly, scaffolding etc. complete at all elevation as directed by Engineer-in-charge with all materials, labour, tools and tackles, safety tools & tackles etc… all complete.	1.00	M2	119.95	119.95
273	Providing and applying one coat of minimum 40 micron DFT High Build ZP Primer and two coats of High Gloss Synthetic Enamel paint, each coat of minimum 25 micron DFT of approved colour shade on structural steel/pipes including preparation of surface by thoroughly cleaning of oil, dirt, dust, rust & scale by wire brushing, power tool cleaning, mechanical scrapers, etc... & final surface cleaning with cotton waste before application of primer (in case of application of primer is delayed due to any reason, the surface preparation shall be redone at no extra cost to GIPCL), including providing approved MS pipe scaffolding with clamps, safety nets, cherry packers, covering the surrounding areas with plastic sheet/tarpaulin wherever required, etc... as directed by Engineer-in-charge and as per	1.00	M2	117.04	117.04
(G)	**WATER SUPPLY AND SANITARY WORKS**				
274	Providing & fixing in position 'HINDUSTAN' 'CERA' or its equivalent first quality white glazed vitreous china clay WC pan with 'P' or 'S' trap as required including cutting the wall, floor, if required and making good the same, jointing inlet & outlet connections, etc. complete as directed by Engr for the following: a) ORISSA' pattern WC pan of 580 mm size (Basic rate Rs. 2,200/-)	5.00	No	3585.81	17929.05
275	b) Same as per above item but for EUROPEAN' type WC pan-580 mm size with plastic seat cover (Basic Rate Rs. 6000/-)	5.00	No	7772.50	38862.51
276	Providing & fixing white glazed vitreous China clay HINDUSTAN' 'CERA' or its equivalent first quality wash hand basin of 550mm x 400mm size with CI brackets including grouting the C.I. bracket in wall with cement concrete, jointing inlet & outlet connections, etc. complete as directed. Basic rate of wash basin Rs. 1,800/-	8.00	No	3118.64	24949.15
277	Supplying and fixing 1no 15mm cp 'x' nipple and 1 no 1"length cp extension nipple for heater provision	2.00	No	473.46	946.91
278	Providing & fixing white glazed flat back urinals HINDUSTAN' 'CERA' or its equivalent first quality of 465 x 365 x 265 mm size including CI brackets, fixing with screws in wall, inlet, outlet connections, etc. completed. Basic rate of Urinal Rs. 1200/-	1.00	No	2225.68	2225.68

279	Same as above item but for flat back half stall type urinal of size 610 x 410 x 380 mm. Basic rate of Urinal Rs. 2200/-	1.00	No.	3956.75	3956.75
280	Providing & fixing mirror of Gold fish, Atul Modi or equivalent quality mirror glass of size nearly too 550 x 400 x 5 mm thick with 6 mm thick marine plywood/ pvc sheet / cement sheet back including or without PVC frame, hook for fixing on wall, with necessary rawal plugs, screws, etc. complete with all labour and materials. In case of other than rectangular shape, long dimension should be nearly matched. Basic cost of mirror shall be Rs. 950/-.	1.00	No.	1360.13	1360.13
281	Providing & fixing approved quality C.P. brass towel road of 20 mm dia x 600 mm long including C.P. brass 'brackets, fixed with wooden cleats and CP brass screws, etc. complete.	1.00	No	820.99	820.99
282	Providing & fixing superior quality stainless steel soap dispenser (500ml) with high quality ABS pump & CP brass screws, etc. complete. Basic rate Rs.2,000/-. Make should be either CHILLY or other approved equivalent only.	5.00	No	2658.31	13291.57
283	Providing &Fixing CP Double coat hook with necessary screws etc. complete.	1.00	No	778.18	778.18
284	Providing & Fixing approved quality CP Toilet Paper Holder	1.00	No	1062.76	1062.76
285	Providing & Fixing approved quality PVC Bib tap of approved quality	1.00	No	68.00	68.00
286	Providing & fixing CP brass L&K, crown, prince or Equivalent fixtures of 1/2" dia,(15 mm) including fixing of new fittings with taflon or hold tight, removing of existing fixtures, etc. complete for the following: a) Bib Tap (Basic rate Rs. 550/-)	1.00	No.	884.09	884.09
287	b) Same as per item 285 but for Gravity control bib tap (Basic rate Rs. 700/-)	1.00	No.	1040.10	1040.10
288	c) Same as per item 285 but for Pillar tap (Basic rate Rs. 600/-)	1.00	No.	912.92	912.92
289	d) Same as per item 285 but for Stop cock (Basic rate Rs. 450/-)	1.00	No.	680.07	680.07
290	e) Same as per item 285 but for Angle cock (Basic rate Rs. 450/-)	2.00	No.	680.07	1360.13
291	f) Same as per item 285 but for CP Long body bib tap (Basic rate Rs. 800/-)	2.00	No	1157.20	2314.41
292	g) Same as per item 285 but for CP short body bib tap (Basic rate Rs. 600/-)	1.00	No	937.43	937.43
293	h) Same as per item 285 but for CP sink cock (Basic rate Rs. 950/-)	1.00	No	1293.20	1293.20
294	i) Same as per item 285 but for Reinforced PVC inlet pipe up to 600mm long (Basic rate Rs. 85/-)	10.00	No.	185.47	1854.68
295	j) Same as per item 285 but for Swan neck pillar cock (Basic rate Rs. 1550/-)	1.00	No	2048.71	2048.71
296	k) Same as per item 285 but for C P heavy duty bottle trap (Basic rate Rs. 1,000/-)	1.00	No.	1529.92	1529.92
297	l) Same as per item 285 but for Cera or equivalent approved make Urinal brass Spreader (Basic rate Rs. 610/-)	1.00	No	924.25	924.25

298	m)C P wall Mixer with provision for over head shower with 115 mm long bend pipe & wall flange (Basic rate Rs. 1600/-)	1.00	No	2393.73	2393.73
299	n)C P adjustable Shower (Basic rate Rs. 900/-)	1.00	No.	1335.41	1335.41
300	Providing & fixing Cera or equivalent make chrome polished ABS health faucet set with standard accessories like flexible hose (minimum 1.00 meter) & wall hook including fixing of new fittings with Teflon or hold tight, removing of existing fixtures, etc. complete. (Basic rate Rs.700/-).	1.00	No.	1076.61	1076.61
301	p) As above for Washer Set for seat cover	1.00	No	496.12	496.12
302	q) Same as per item 299 but for Press metric Pillar cock (Basic rate Rs. 1300/-)	1.00	No	1766.65	1766.65
303	r) Same as per item 299 but for Press metric Bib cock (Basic rate Rs. 1380/-)	1.00	No	1867.38	1867.38
304	Same as above item but for Jaquar- (Continental quality) make fixtures for the following: a) Bib Cock with Wall Flange (Basic rate Rs. 625/-)	1.00	No	910.40	910.40
305	b) Same as per item 304 but for Long Body Bib Cock with Wall Flange (Basic rate Rs. 840/-)	1.00	No	1187.42	1187.42
306	c) Same as per item 304 but for Pillar Tap (Basic rate Rs. 620/-)	1.00	No	910.40	910.40
307	d) Same as per item 304 but for Angular Stop Cock with Wall Flange (Basic rate Rs. 540/-)	1.00	No	809.67	809.67
308	e) Same as per item 304 but for Pillar Cock Long Neck with Aerato (Basic rate Rs. 840/-)	1.00	No	1213.87	1213.87
309	f) Same as per item 304 but for Hot & Cold wall mixer with CP offset for overhead shower (Basic rate Rs. 2900/-)	1.00	No	3738.55	3738.55
310	g) Same as per item 304 but for C P Shower with wall flange (Basic rate Rs.500/-)	1.00	No	651.00	651.00
311	h) Same as per item 304 but for C P Hand Shower (Basic rate Rs. 600/-)	1.00	No	822.25	822.25
312	i) Same as per item 304 but for Sink Cock with Swinging Spout (Basic rate Rs.1100/-)	1.00	No	1464.44	1464.44
313	j) Same as per item 304 but for Concealed Stop Cock with Fitting Sleeve, Operating Leve & Adjustable Wall	1.00	No	727.81	727.81
314	Providing & fixing 25 mm dia CP brass 'Crown' L & K 'or its equivalent quality heavy duty push type flush cock including breaking of wall/ tiles, if required, making good the same, removing of existing fixtures, etc. complete for the following: a) Open type	1.00	No.	1557.62	1557.62
315	b) Same as per item 314 but for Concealed type	1.00	No.	1346.08	1346.08
316	Labour charge for remove of existing Toilet seat cover and fixing of the same including providing & fixing of necessary nut bolt with wishers.	10.00	No	101.99	1019.92
317	Providing & fixing fittings for low level cistern of approved make, including removing of damaged fittings, etc. complete for the following: a) Float valve assembly- 15 mm dia with PVC ball & brass rod (Basic cost Rs. 300/-)	1.00	No.	511.23	511.23
318	b) Same as per item 317 but for Siphon unit (Basic cost Rs. 500/-)	1.00	No.	766.85	766.85
319	c) Same as per item 317 but for CP brass handle (Basic cost Rs. 200/-)	1.00	No.	318.57	318.57

320	Labour charges for servicing/ repairing of flushing tanks including removing of existing fittings, repairing & refixing the same, changing of washers, etc. complete.	75.00	No.	210.31	15773.57
321	Providing & fixing PVC flushing tank of champion or its equivalent quality with necessary fittings, etc. complete (basic price Rs. 900/-).	5.00	No.	1360.13	6800.66
322	Providing & fixing approved heavy CI Nanhi trap with stainless steel grating including cutting the walls & floors & making inlet & outlet connections, etc. complete (basic price Rs. 260/-).	2.00	No.	506.96	1013.92
323	As above but only labour charges	1.00	No.	405.46	405.46
324	Providing & fixing 150 mm square heavy duty stainless steel jali of approved quality on floor trap including removing of existing jali, chipping and making good the	1.00	No.	346.21	346.21
325	Providing & fixing 150 mm square heavy duty PVC jali of approved quality on floor trap including removing of existing jali, chipping and making good the same, etc. complete.	10.00	No	128.44	1284.41
326	As above item(PVC/Stainless steel Jali) but only labour charges	10.00	No	69.25	692.53
327	Providing, laying & jointing stone ware pipe with necessary T, Y, & bends including jointing with hemp yarn & CM 1:1, level, excavation up to 1.00 m, backfilling, etc. complete. a) 100 mm dia (Basic price Rs. 150/- per M)	1.00	RM	323.61	323.61
328	b) Same as per item 327 but for 150 mm dia (Basic price Rs. 180/- per M)	1.00	RM	399.16	399.16
329	Providing & fixing Hindware or equivalent approved CP brass waste coupling for wash basins and sinks (heavy duty) 32 mm dia including removing old coupling, etc. complete.	5.00	No	346.21	1731.07
330	Providing & fixing PVC spiral pipe with PVC socket for urinal / wash basin outlet.	5.00	No	432.76	2163.81
331	Providing & fixing white / black plastic solid heavy duty toilet seat cover, CP hinges and rubber buffers, removing of existing cover, etc. complete	1.00	No.	1322.15	1322.15
332	Providing & fixing approved quality heavy duty 40 mm dia. Rigid PVC pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing, testing, etc. complete. a) Pipes (Basic price Rs. 100/- per M)	1.00	RM	185.47	185.47
333	b) Same as per item 332 but for Fittings such as elbow, tee, coupling, reducer, etc. (Basic price Rs. 70/-)	5.00	No.	123.64	618.21
334	c) Same as per item 332 but for Nahni trap (Basic price Rs. 250/-)	1.00	No.	432.76	432.76
335	Providing & fixing approved quality heavy duty 50 mm dia. Rigid PVC pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing, testing, etc. complete. a) Pipes (Basic price Rs. 100/- per M)	2.00	RM	203.99	407.99
336	b) Same as per item 335 but for Fittings such as elbow, tee, coupling, reducer, etc. (Basic price Rs.85/-)	10.00	No.	125.92	1259.18
337	c) Same as per item 335 but for Nahni trap (Basic price Rs. 225/-)	1.00	No	452.05	452.05

338	Providing & fixing approved quality heavy duty 75 mm dia. Rigid PVC pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing, testing, etc. complete. a) Pipes (Basic price Rs. 120/- per M)	15.00	RM	235.47	3532.06
339	b) Same as per item 338 but for Fittings such as elbow, tee, coupling, reducer, etc. (Basic price Rs. 95/-)	10.00	No.	138.52	1385.17
340	c) Same as per item 338 but for Nahni trap (Basic price Rs. 250/-)	2.00	No.	483.53	967.06
341	Providing & fixing approved quality heavy duty 110 mm dia. Rigid PVC pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing, testing, etc. complete. a) Pipes (Basic price Rs. 225/- per M)	10.00	RM	367.69	3676.88
342	b) Same as per item 341 but for Fittings such as elbow, tee, coupling, reducer, etc. (Basic price Rs. 115/-)	7.00	No.	163.69	1145.86
343	Providing & fixing approved quality under ground drainage pipe Make-Prince-SN4 (FOAMFIT), 110 mm dia. Pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing chemical, testing, etc. complete. Pipes (Basic price Rs. 175/- per M).no separate payment for fitting its including in length of pipe.	2.00	RM	265.69	531.37
344	Providing & fixing approved quality under ground drainage pipe Make-Prince-SN2 (FOAMFIT), 160 mm dia. Pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing chemical, testing, etc. complete.no separate payment for fitting its including in length of pipe Pipes (Basic price Rs. 500/- per M)	1.00	RM	707.66	707.66
345	Providing & fixing approved quality under ground drainage pipe Make-Prince-SN2 (FOAMFIT), 200 mm dia. Pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing chemical, testing, etc. complete.no separate payment for fitting its including in length of pipe Pipes (Basic price Rs. 700/- per M)	5.00	RM	990.99	4954.93
346	Providing & fixing approved quality under ground drainage pipe Make-Prince-SN4 (FOAMFIT), 315 mm dia. Pipes & fittings of Prince / Supreme or its equivalent quality including fixing with clamps, jointing chemical, testing, etc. complete.no separate payment for fitting its including in length of pipe Pipes (Basic price Rs. 2525/- per M)	1.00	RM	3289.02	3289.02

347	Supplying, laying & fixing 'B' class Swastik or Zindal make G.I. pipe for water in trenches, floors, walls including embedding, jointing with hold tight, or white lead and fine hamp yarn with socket & screw joints including bends, tees, reducers, sockets, unions & other specials, fixing wall hooks in wooden plugs or embedding in walls, floors & applying bituminous paint, plastic wrapping, etc. for concealed work, excavation & backfilling wherever required & disposal of surplus spoil as directed, cutting pipes to required length, making connections, threading, cutting chases or holes in walls/ floors, etc. and making good the same including testing, etc. complete for opened piping: 1) Up to 15 mm dia (Basic price Rs. 100/- per M)	4.00	RM	331.16	1324.65
348	2) Same as per item 346 but for Up to 25 mm dia (Basic price Rs. 180/- per M)	3.33	RM	444.49	1480.16
349	3)Same as per item 346 but for Up to 40 mm dia (Basic price Rs. 375/- per M)	1.00	RM	569.16	569.16
350	4) Same as per item 346 but for Up to 50 mm dia (Basic price Rs. 360/- per M)	1.00	RM	730.76	730.76
351	Same as above but for labour charges for laying pipe lines as under: only Excavation & Backfilling considered 1) Up to 15 mm dia	1.00	RM	128.39	128.39
352	2) Same as per item 350 but for Up to 25 mm dia	1.00	RM	158.31	158.31
353	3) Same as per item 350 but for Up to 40 mm dia	0.50	RM	158.31	79.16
354	4) Same as per item 350 but for Up to 50 mm dia	1.00	RM	170.77	170.77
355	5) Same as per item 350 but for 75 mm dia	1.00	RM	179.50	179.50
356	6) Same as per item 350 but for 100mm dia	0.50	RM	193.21	96.60
357	7) Same as per item 350 but for 150mm dia	1.00	RM	205.68	205.68
358	Providing & Fixing CPVC pipes SDR-13.5 confirming to IS:15778 of Prince/Supreme/Astral make for domestic water supply including cutting, making threads at all floor levels including fixtures like bends, tees, shoe, elbow, union, nipple etc joined with IPS WELD ON solvent cement or equivalent resin of approved brand & manufacture etc. complete for opened piping 1) Up to 20 mm dia (Basic rate Rs. 94/- per M):	1.00	RM	176.08	176.08
359	2) Same as per item 358 but for Up to 25 mm dia (Basic rate Rs. 150/- per M)	1.00	RM	341.24	341.24
360	3) Same as per item 358 but for Up to 40 mm dia (Basic rate Rs. 340/- per M)	1.00	RM	473.59	473.59
361	4) Same as per item 358 but for Up to 50 mm dia (Basic price Rs. 550/- per M)	2.00	RM	828.55	1657.11
362	Providing & Fixing UPVC pipes SCH 40 as per ASTM D 1785 and ASTM D -2466 of Prince/Supreme/Astral make for domestic water supply including cutting, making threads at all floor levels including fixtures like bends, tees, shoe, elbow, union, nipple etc joined with IPS WELD ON solvent cement or equivalent resin of approved brand & manufacture etc. complete for opened piping: 1) Up to 20 mm dia (Basic price Rs. 55/- per M)	1.00	RM	138.55	138.55
363	2) Same as per item 362 but for Up to 25 mm dia (Basic price Rs.85/- per M)	1.00	RM	146.07	146.07
364	3) Same as per item 362 but for Up to 40 mm dia (Basic price Rs. 140/- per M)	1.00	RM	282.06	282.06

365	4) Same as per item 362 but for Up to 50 mm dia (Basic price Rs. 185/- per M)	1.00	RM	358.87	358.87
366	5) Same as per item 362 but for Up to 75 mm dia (Basic price Rs. 390/- per M)	1.00	RM	724.04	724.04
367	Providing & fixing approved quality ISI mark GI plumbing fixtures & fittings like but not limited to union, elbow, Tee, bends, nipples, coupling, reducer, etc... as per plumbing & sanitary maintenance requirements as directed by Engineer-in-charge. 1) Up to 15 mm dia	10.00	No.	205.25	2052.46
368	2) Same as per item 367 but for Up to 25 mm dia	15.00	No.	342.50	5137.50
369	3) Same as per item 367 but forUp to 50 mm dia	25.00	No.	492.34	12308.58
370	4) Same as per item 367 but for Up to 75 mm dia	5.00	No.	615.75	3078.74
371	Providing & fixing a pair of C.I./M.S. bracket for wash basin, flushing tank, etc. including removing existing bracket & repairing the wall as per original, etc. complete.	1.00	No.	180.76	180.76
372	Supplying, installing & fixing in position heavy duty NECO make CI Manhole cover & flame conforming to IS 1726 including removing of old frame, breaking of brick masonry, fixing the frame with cement concrete, making good the same, etc. for following: a) 300 mm x 300 mm size (Basic cost Rs. 42/- per Kg)	1.00	No.	703.89	703.89
373	b) Same as per item 372 but for 600 mm x 450 mm size (Basic cost Rs. 42/- per Kg)	1.00	No.	896.55	896.55
374	c) Same as per item 372 but for 600 mm x 600 mm size (Basic cost Rs. 42/- per Kg)	1.00	No.	1087.94	1087.94
375	Providing & fixing approved quality CPVC /UPVC Fitting (Elbo, Tee, Reducer ,coupline, Nipple etc..in existing line including cutting the line, making to the size and fixing with solution, etc. complete with all respect as directed by Engineer. 1) Up to 15 mm dia	20.00	No.	74.29	1485.81
376	2) Same as per item 375 but for Up to 25 mm dia	100.00	No.	80.59	8059.01
377	3) Same as per item 375 but forUp to 50 mm dia	10.00	No.	108.29	1082.91
378	4) Same as per item 375 but forUp to 75 mm dia	2.00	No.	135.99	271.99
379	Providing & fixing approved quality CPVC BRASS Fitting etc..in existing line including cutting the line, making to the size and fixing with solution, etc. complete with all respect as directed by Engineer. 1) BRASS ELBOW- Up to 15 mm dia	30.00	No.	88.14	2644.24
380	Same as per item 379 but for 20 MM DIA	20.00	No.	128.44	2568.83
381	Same as per item 379 but for 25 MMDIA	10.00	No.	566.63	5666.34
382	Labour charges for fixing of CPVC/UPVC pipes pipe for water in trenches, floors, walls including embending, jointing with solvent cement including bends, tees, reducers, sockets, unions & other specials, fixing wall hooks in wooden plugs or embending in walls, floors & as directed, cutting pipes to required length, making connections, cutting chases or hole in walls/floors, etc. and making good the same including testing etc.complete. (The rate quoted is considering free issue of required quantity free issue of pipe, fitting etc. however necessary transportation, loading, unloading, required quantity solvent cement etc. are in contractor scope) (excavation & filling shall be paid extra) 1) UPTO 40mm dia	134.00	RM	92.16	12349.44

383	2) ABOVE 40 MM TO 150mm dia	50.00	RM	97.28	4864.00
384	Providing & fixing approved quality full way gun metal wheel valve of LEADER make as per specifications, including all labours and materials, etc. a) 15 mm dia	1.00	No.	644.71	644.71
385	b) Same as per item 384 but for 25 mm dia	1.00	No.	920.47	920.47
386	c) Same as per item 384 but for 40 mm dia	1.00	No.	1414.08	1414.08
387	d) Same as per item 384 but for 50 mm dia	1.00	No.	2047.45	2047.45
388	e) Same as per item 384 but for 75 mm dia	1.00	No.	4915.89	4915.89
389	Providing & fixing approved quality gun metal ball valve of approved make including all labours and materials, etc. a) 15 mm dia	1.00	No.	462.13	462.13
390	b) Same as per item 389 but for 25 mm dia	1.00	No.	717.74	717.74
391	c) Same as per item 389 but for 40 mm dia	1.00	No.	1022.46	1022.46
392	d) Same as per item 389 but for 50 mm dia	1.00	No.	1228.97	1228.97
393	Removing & clearing the chocked C I drainage pipes including removing existing pipes, fittings, clamps, connections, breaking of walls and making good the same, refixing the same after cleaning without damaging any fitting, scaffolding, if required, etc. complete at all elevations.	1.00	RM	129.64	129.64
394	Cleaning of all types & sizes of manholes by removing & disposing the mud silt, sewage, algee vegetation, etc. complete:	1.00	No.	134.82	134.82
395	Removing of sludge from septic tank including collecting the sludge in truck mounted tanker with pumping & disposal at suitable location, etc. with all lead, lift, labour, etc. complete (contract has to make his own arrangement for disposal of sludge.) a) For tank up to 2.5m long x 1.2m dia.	1.00	No.	6250.13	6250.13
396	b) Same as per item 394 but for For tank up to 4.0m x 3.0m. X 2.5m. Depth	1.00	No.	18750.37	18750.37
397	Providing & Fixing Brass Float Valve with PVC Ball-32mm dia	3.00	No.	2367.29	7101.86
398	Removing and cleaning of all debris and opening gully chamber and attending chocking problem	1.00	No.	134.81	134.81
399	Making Connection to the Existing inspection Chamber By making hole in Brick wall	1.00	No.	697.38	697.38
400	Making Connection to the Existing Water Line	1.00	No.	697.38	697.38
401	Attending of continuous water flow of flush valves of toilet block in quarters	10.00	No.	147.06	1470.57
402	Attending overflow problem by replacing ball/rod for ball codes provided in over head tanks.	115.00	No.	248.86	28619.21
403	Removing water from overhead tank, cleaning and drying the pipe, applying M-Seal and making leak proof and refixing ball cock.	10.00	No.	395.92	3959.19
404	Attending leakage/chock up and refixing of wash hand basin/sink	100.00	No.	233.33	23332.86
405	Providing new garden connection at colony from underground raw water pipelines.	2.00	No.	646.13	1292.27
406	Labour charges for fixing of water cooler and its attachments in Colony Area	1.00	No.	553.50	553.50
407	Attending water complaint and removing and cleaning of ball cock and refixing the same and solving water problem in colony area	25.00	No.	282.80	7069.95

408	Removal of connection from the overhead sintex tank/R.C.C.tank from pantry of site office building or from other Buildings of Plant/Colony area	1.00	No.	206.10	206.10
409	Labour charges for fixing of new pillar cock/Bib Cock/Stop cock etc.. including removing old pillar cock and returning the same in GIPCL Store.	25.00	No.	248.86	6221.57
410	Labour charges for repairing of pillar cock/Bib Cock/Stop Cock/shower including repairing washer etc.	450.00	No.	226.23	101804.54
411	Labour charges for fixing of wall mixer.. including removing old mixer cock and returning the same in GIPCL Store.	100.00	No	316.73	31673.34
412	Labour charges for fixing of new wash basin with necessary connection fittings in colony	20.00	No.	453.68	9073.66
413	Making opening in wall and grouting pipe up to 150mm dia.	1.00	No.	200.21	200.21
414	filling gape with the help of cement mortar in 1:4 on tiles area/ toilet fittings etc…	100.00	R.mtr.	24.23	2422.56
415	Making opening in brick wall	1.00	No.	130.97	130.97
416	Labour charges for fixing of new WC/urinal with necessary fittings	15.00	No	420.95	6314.19
417	Providing and fixing white viterous china wall hung water closet European type of Jaquar make with ISI solid	1.00	No.	5428.39	5428.39
418	Providing and fixing white viterous china flat back or half stall urinal of 580 X 380 X 350 mm of "Jaquar" make. (a) Single half stall	1.00	No.	9217.30	9217.30
419	(b) Same as per item 417 but for Two half stall	1.00	No.	10241.03	10241.03
420	Supply and fixing exposed soap dish fixing with necessary screw etc. complete (jaquar-continental-cp)	5.00	No	992.25	4961.24
421	Supply and fixing of approved make 5mm thick mirror 600x450 mm size with pvc frame 6mm thick asbestos sheet backing including polishing etc.complete	5.00	No	1203.79	6018.97
422	Providing & attend pipeline Outlet/Inlet of any type fitting such WC,WB,Urinal etc..complete using of cement, chemical as per requirement and complete the job.	10.00	No	137.36	1373.58
423	As above- but only labour charges	1.00	No	68.00	68.00
424	Labour charges for remove Geyser and refix it as per instruction of Electrical site in charge	10.00	No	473.57	4735.69
425	Providing & fixing of PVC Flexible Waste Pipe of 1" for Wash Basin/Urinal Etc..	10.00	No	75.55	755.53
426	Providing & Fixing of Check nut of 1" size including required washers etc. for sintex water tank.	1.00	No	142.29	142.29
427	Providing & fixing of PVC waste Coupling of Sink.	5.00	No	389.09	1945.45
427	Labour charges for fixing of MS Wash Basin including necessary fitting such as Inlet water pipe, Outlet pipe and bib cock (up to 04 nos) and removing the same as instructed by incharge.	10.00	No	525.80	5257.96
(H)	**ROOF COVERING, WATER PROOFING**				
	TREATMENT				

428	Providing, supplying & applying/fixing of average 03mm thick APP (Atactic Polypropylene Polymer) modified and reinforced with Polyester matt (about 160 Gram/M2) waterproofing membrane (Min. 3.50 Kg/M2) of approved makes which consisting of a coat of approved low viscous bituminous primer (maximum 0.20% water content) at about 250 gms per sqm of approved make. Over the primer coat, the membrane shall be laid using torch and sealing all joints with minimum side overlap of 100mm & minimum end lap shall be 150mm (as site suitable) and preparing the surface etc… including providing, supplying & applying two coats of Ultra Violet (UV) resistance approved make bitumen based aluminium finish anti corrosive premium quality protective coating with paint brush above the APP membrane for the UV protection and for the longer life of membrane after proper cleaning of surface etc… complete as per manufacturer's specifications for all such locations as directed by Engineer-in-charge.	1.00	M2	551.51	551.51
429	Labour charges for removing of existing tarfelt water proofing treatment from roof slabs, parapet wall, etc. at all elevations, including removing of all materials & transporting outside premise as directed by Engr, cleaning of bitumen from slab, wire brushing, chipping whenever required, etc. complete as directed by E-I-C.	1.00	M2	34.45	34.45
430	treatment known as INDIAN WATER PROOFING at all elevations, slabs, terraces, etc. in following stages: a) Clean the surface completely of all dirt, dust, etc. by wire brush and other tools to expose the original surface. b) Acrylic based waterproofing compound at the rate of minimum 1 Kg or as per manufacturer's specifications, whichever is higher for every 50 Kg of cement shall be added in cement mortar/ cement slurry to be used for each layer/ cost for this water proofing treatment. Required slopes and with waterproofing additives. c) Providing & laying of selected well burnt brickbats of approved quality in cement mortar 1:3, average thickness of 115mm. This layer should be laid in the d) Providing & laying finishing coat of 25 mm thick cement sand 1:3 plaster. The surface should be finished smooth with a slurry of cement floated over the surface with string marks in required pattern using waterproofing additives. e) At the junction of slab with parapet or any horizontal surface with vertical surface, the double layer of brickbats as stated in (c) above, shall be laid before laying finishing coat, such junction should be rounded up properly and smoothly to match with the adjoining surface. f) Necessary chipping of plaster, masonry or RCC wherever required shall have to be done. g) The entire surface so treated shall be cured by making a water pool over the entire surface for 10 days minimum.	1.00	M2	970.81	970.81

431	Providing & Laying 40mm thick marble chips flooring rubbed and polishes (I.E.terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 and top layer 10mm thick with white, black or white and black marble chips of required sizes from 1 mm to 4 mm nominal size laid in cement marble powder mix 3:1 in proportion of 4:7 in light shade pigment with ordinary cement	1.00	M2	799.59	799.59
432	Labour charges for applying polymer based chemical waterproofing treatment to Floor, exterior wall, chajja, beams etc., at all elevations & locations using approved quality chemicals including cleaning the surface with wire brush, removing of all dirt, dust to receive further treatment, application with brush/spray as per manufacturer's instructions with material like brush, labour & scaffolding etc. (Chemical will be free issue from GIPCL store.)	1.00	M2	81.85	81.85
433	Labour Charges For Chemical/ cement water proofing treatment at all elevations, wall, R.C.C. structure etc in following stages: a) Clean the surface completely of all dirt, dust, etc. by wire brush and other tools to expose the original surface. b) Apply chemical based waterproofing compound as instruction of Engineer In Charge and as per manufacturer's specifications in two coat application. a) For any size of Groove or Patta up to 3" thick	1.00	RM	34.00	34.00
434	b) same as item 433 but for Waterproof coating on External wall	1.00	SM	156.14	156.14
435	c) same as item 433 but for Transparent silicone coating on exterior chips plaster	1.00	SM	177.54	177.54
436	d) same as item 433 but for waterproof coating on Terrace area	1.00	SM	108.29	108.29
437	waterproofing treatment to exterior wall, chajja,beams,etc. at all elevations & locations using approved quality chemicals including cleaning the surfaces with wire brush, removing of all dirt, dust to receive further treatment, application with brush/ spray as per manufacturer's instructions with all materials, labour & scaffolding, etc. for the following: (Use Sika/Dr.fixit or equivalent product as approved) a) Water proofing work of exterior gissi, incl using primer coat.	100.00	RM	142.29	14229.21
438	b) same as item 437 but for same as above item but for Waterproofing coating on external wall including bond coat.	1.00	SM	475.98	475.98
439	C) same as item 437 but for but for Transparent silicone coating on exterior chips plaster	15.00	SM	356.35	5345.26
440	d) same as above item but for Crack filling & waterproofing coating on existing terrace surface, inclusive of chipping of existing surface, bond/ primer coat, disposal of debris etc. No separate measurement for crack repairs.	25.00	SM	698.85	17471.27

441	Providing & applying 20 mm thick water proof plaster in two layers with C.M. 1:3 on columns, walls, etc. including adding Fosroc or its equivalent quality made water proofing admixture conplast prolapin 421 IC of IS:2645-1975 as per manufacturer's requirement including scaffolding, curing, etc. complete up to 3.00 mt ht.	10.00	M2	247.13	2471.29
442	For above 3.00 mt ht	15.00	M2	273.41	4101.19
443	Clean the wall surface free from old paint and laitance using wire brush. Filling of cracks lower than 5 mm with Dr. Fixit Crack X powder / paste and larger than 5 mm cracks to be filled by PMM-1:4 (cement: sand) admixed with Dr. Fixit Pidicrete URP-10 % by weight of cement. Providing and laying one coat of Primer – Dr. Fixit Prime seal @12 Mt2 per Ltr and allow it to dry. Apply the first neat coat of Dr. Fixit Raincoat without dilution at the rate of 1.5 m2 per ltr per coat. After 5 to 6 hours of interval apply second neat coat of Dr. Fixit Raincoat at the same rate. Allow it to air cure for 7 days.	10.00	Sqm	216.58	2165.83
444	Providing and attending under ground tank/structure leakages/seepages by adding "Sika Intra Plast" or equivalent chemical compound through injection cement grouting.	1.00	No.	856.26	856.26
445	Rehabilitation of existing structure by following operations, (i) Chipping & removal of defective loose concrete etc. (ii) Rust removal with "Sika Rust off 100" or equivalent. (iii) Applying "Sika Latex" bond coat. (iv) Fixing of weldmesh jali. (v) Application of polymer mortar.	1.00	Sqm	1640.73	1640.73
446	Providing & laying manglore tiles (first quality basel mission tiles approved quality) over RCC flat/slope roof including hip and ridge tiles and providing mortar beading of 30mm wide and 20mm thick (minimum) with CM 1:4 to receive the tile including fixing the hip and ridge tiles with necessary cement mortar all complete as directed.	50.00	M2	615.18	30758.92
447	As above item but only labour charges only	50.00	M2	325.99	16299.56
448	Polymer Injection grouting by using approved chemical including as per site required to drill and fix the nipple and grout with pressure the chemical and after treatment to finish the surface and match with the existing plaster surface etc. complete.	1.00	No	278.28	278.28

449	Providing, supplying, transportation & fixing transparent colour Fibered Reinforced Plastic (FRP) Profile Translucent corrugated sheet (2 mm thick) of " Everelight" manufactured utilizing the best quality of Unsaturated Polyster based U.V.stabilized Resin in order to retard the effect of occurrence of yellowishness in longer span of conditions.(with appropriate reinforcement) in roofing/ cladding/ covering corners, ridges, etc. of approved quality and colour at any height with necessary galvanized iron J or L hooks 8 mm dia/ GI bolts/ screws & bitumen/ GI washer, lapping including cutting to proper size, scaffolding, etc. complete as directed by Engineer-in-charge.	1.00	SM	1273.05	1273.05
450	Providing & Fixing of Plain acrylic sheet (2mm thick) including scaffolding, cutting, drilling and necessary fitting with screw/nail or solution etc.. Complete as per instruction of Site In charge.	1.00	Sqm	1273.05	1273.05
451	Labour charges for crack filling in wall/ floor area using with 1:3 cement mortar including cleaning of crack, making " v" cut and finish with existing surface area.	100.00	Rmt	34.00	3400.07
452	Providing and Applying approved Polysulphide sealant into expansion joints of average size 25mm X 25mm including, cleaning of groove, providing necessary PU backer roll into groove, priming of adjacent sides with Primer etc. complete as directed & manufacturer specification. In case of size other than 25mm X 25mm, payment will be made on pro-rata basis as per actual average size.	10.00	Rmt	749.22	7492.16
453	Providing and Apply 2 coats of SMARTCARE PU MAGNUM (ASIAN PAINTS LTD make) achieving approximant thickness of 1mm, including of one coat epoxy primer, surface preparation, crack repairing with polymer base putty, repair existing coving and etc.	1.00	M2	876.40	876.40
454	Providing and applying of Smartcare Damp Block 2k 2 cots of water proofing coating (ASIAN PAINTS LTD make.) including of surface preparation and pot holes filling and repair of cracks etc. Completed as directed by EIC & manufacturer specification.	25.00	M2	511.23	12780.79
455	Providing and applying of Smartcare Damp proof Acrylic base water proofing coatings of (ASIAN PAINTS LTD make.) including of surface preparation and pot holes filling and repair of cracks etc. Completed as directed by EIC & manufacturer specification.	270.00	M2	683.53	184553.51
456	Providing and applying Repairing of non structural minor cracks, by using of crack seal grey (ASIAN PAINTS make) prepacked crack seal mortar, including making V' groove 3 to 5 MM, applying bond coat, and filling crack seal grey etc. Complete as directed by the manufacturer and EIC. (exterior wall)	2.00	Rmt	127.18	254.36

457	Cleaning the Expansion Joint and repairing it properly to create a proper joint of 25 mm with the help of Asian Paints Smartcare Repair Mortar (if required) and then putting a backer rod up-to a depth of 15 mm and filling the expansion joint with Asian Paints Smartcare Hybrid PU Sealant in the groove of 25 x 15 mm then Providing and applying of expansion joint treatment with TPE Membrane belt size of 200 mm (ASIAN PAINTS , SIKA OR MYK SCHOMBURG MAKE) Including of fixing TPE belt with epoxy joint adhesive any approved make.	5.00	Rmt	3401.09	17005.43
458	Providing and fixing of aluminium stripe size of 240mm width and 2mm thick, protect of NBR Tape including of fixing	1.00	Rmt	679.96	679.96
459	Providing and applying PU Sealant of top of expansion joint size of 25 mm x 15 mm	1.00	Rmt	543.97	543.97
460	Labour charges for Epoxy grouting-including nozzle fixing, crack sealing & nozzle cutting)	1.00	No	520.04	520.04
461	Providing and applying Polymer Modified Mortar SMARTCARE REPAIR MORTAR ASIAN PAINTS MAKE, including chipping of loose material from surface, up to 25 mm to 30 mm thickness and removing all rust from reinforcement by using wire brush and RR (for cleaning reinforcement), applying one coat of Zinc rich anti corrosive primer coating any approved make, Complete as per specification. Any requirement of new steel welding with old steel it will be company scope free of cost.	1.00	M2	3537.08	3537.08
462	Injection Cement grouting in Concrete area/Wall area as per instruction of Site Engineer	2.00	No	407.98	815.96
463	Inside wall coating for efflorescence for waterproofing work etc..as instruction of Site In charge	1.00	M2	666.11	666.11
(I)	**MISC. WORKS**				
464	Providing and fixing of barbed wire fencing with 12-14 gauge barbed wire, 2 cross wire between vertical member over existing compound wall with necessary bolts, nuts and packing for fastening. (a) Only fixing and repairing of existing barbed wire over existing compound wall with necessary bolts, nuts and packing for fastening, tightening etc. complete (Excluding cost of Barbed wire). (Length of barbed wire shall be consider for measurement.)	50.00	Rmt.	26.29	1314.72
465	(b) Providing, transporting and fixing of 12-14 gauge GI barbed wire fencing & cross wire between already fixed MS "Y" angle posts on compound wall with necessary hard ware, fastenings, GI bolts, GI nuts, GI washers, GI pins, etc... in proper line & level, etc... complete with all materials, labour, scaffolding, as directed by Engineer-in-charge.. (Length of barbed wire will be consider for measurement).	100.00	Rmt.	36.80	3680.40
466	Closing of openings, holes, openings, etc. with bricks /cement concrete as per instructions of engineer with both side plastering, shuttering, etc. complete for areas of normal approach (up to 5.0m. Height) and for hole size up to 0.10 m2.	30.00	No.	98.92	2967.59

467	Same as above but for location requires scaffolding. (above 5.0m. Height) (if area of hole / opening increase above 0.10 m2, the measurements shall be paid under relevant items of brick masonry and plastering).	1.00	No.	259.99	259.99
468	Cleaning of katchha storm water drain along the road side and peripheral drains of various buildings by removal of soil, slush, veeds, bushes, various sizes up to the drain raft top, including disposal of the same within lead of 3.00 kms.using tractor and trolley and also including removal of precast cover and replacement of the same in position as and when required for cleaning some of the drain.	400.00	R.Mtr.	62.00	24800.00
469	Labour charges for cutting of Grass/small bushes manually within colony at various location as shown by GIPCL Officer including cost of labour, tools, equipment, safety precautions and incidental charges etc.	1.00	M2	4.40	4.40
470	For any item for providing, fixing, laying or applying or material not included in this contract work shall be paid as actual expenditure of material & labour with take care of overhead and profit.	20000.00	%	1.10	22000.00
471	Providing & fixing GI water spouts of 40 mm NB- B class pipes, up to 400mm long including making holes & finishing the same, etc. complete.	2.00	No.	635.90	1271.79
472	(Required scaffolding from floor level is in the contractor's scope.) For wired glass : i) Up to 3.00 m level height from floor of any level.	1.00	M2	1003.80	1003.80
473	ii) same as item 472 but for Above 3.00m level height from floor of any level (Required scaffolding from floor level is in the contractor's scope.)	1.00	M2	1066.10	1066.10
474	Supplying and fixing best quality putty on glass panel of windows at all elevations including cleaning old putty etc..complete. at all elevations.	1.00	M2	68.07	68.07
475	Labour charges for fixing glass pane including shifting of glass, cutting of glass of required size with necessary putty, pins, etc… (glass shall be supplied by GIPCL) at all elevations.	1.00	M2	186.92	186.92
476	Providing & fixing fan hook in existing slab/ beam including chipping, exposing reinforcement, fixing 12 mm dia hook, finishing with cement plaster, etc. complete.	1.00	No.	123.46	123.46
477	Cleaning of existing woollen / synthetic fibber carpet flooring including cleaning with petrol, washing with soap solution, washing with water, etc. complete to the satisfaction of engineer.	1.00	M2	136.15	136.15
478	Supplying labour charges for cutting the masonry in circular opening up to 600 mm dia to suit the exhaust fan frame and also arranging for fixing the frame as directed including finishing with cement plaster on both side, scaffolding, etc. complete as directed.	1.00	No.	581.51	581.51
479	Same as above but for rectangular or square opening up to 600 x 500mm size for fixing AC frame etc.	1.00	No	616.13	616.13
480	Repairing of hydraulic door closure including removing '& refixing in position, changing lubricant oil, servicing,'etc. complete.	1.00	No	186.92	186.92

481	Labour charges for fixing of wooden/Alluminium partition removed earlier including necessary hardwares, rectifications /modifications if required, as directed by Engineer.	1.00	M2	308.07	308.07
482	Labour charges for fixing of false ceiling, removed earlier including fixing of hangers, hooks, necessary hardwares, rectification, if required, etc. complete.	1.00	M2	308.07	308.07
483	Repairing rolling shutters of gear operated by opening of the cover, servicing, oiling, greasing, fitting of old/new springs, nuts, etc. complete including replacing of the	5.00	No.	1261.10	6305.50
484	Servicing, oiling, greasing of rolling shutters of various sizes fitting of old springs, nuts, etc. complete to make smooth operation of rolling shutter. (The payment of parts will be made in respective item of supply of parts.)	1.00	No.	2117.21	2117.21
485	Supplying and fixing of the parts for rolling shutter. a) Wheel up to 20 cm dia.	1.00	No	651.89	651.89
486	b) M.S. strip with fitting	1.00	rft	87.69	87.69
487	c) Spring	1.00	No	3262.92	3262.92
488	d) Shaft	1.00	Rft	200.76	200.76
489	e) Total gear system	1.00	No	10670.27	10670.27
490	Providing & fixing standard aluminium bedding for aluminium partition, window, door, etc. for fixing glass, pannel, etc. with rubber beading.	1.00	Rm	124.61	124.61
491	Supplying & fixing 3 mm thick acrylic sheet of approved colour & make including fixing in position with all materials and labour.	1.00	M2	2074.52	2074.52
492	Providing and placing in position 60 mm thick " I " or approved shape rubber moulded interlocking block in pink pigmentation / colour combination of compressive strength 200 kg / cm2 including levelling of area by cutting/filling of soil (around 100 mm), removal of vegetation, tree bushes, preparation of average 100 mm thick bed ash bedding by watering, compacting, uniform levelling, providing 60 mm thick " I " shape interlocking blocks manufactured from Fly ash, transportation to site, placing in position, levelling of block, compacting by machine etc complete including cost of all labours, supervision, materials, equipments, tools & tackles etc.. all complete as directed by Engineer in charge. Bed ash of required quantity will be supplied free of cost at specific request at nearest possible location and the remained/unused quantity of the same shall be removed from site as directed.	50.00	M2	623.86	31192.85

493	Providing and placing in position 80 mm thick " I " or approved shape rubber moulded interlocking block in pink pigmentation / colour combination of compressive strength 200 kg / cm2 including levelling of area by cutting/filling of soil (around 100 mm), removal of vegetation, tree bushes, preparation of average 100 mm thick bed ash bedding by watering, compacting, uniform levelling, providing 60 mm thick " I " shape interlocking blocks manufactured from Fly ash, transportation to site, placing in position, levelling of block, compacting by machine etc complete including cost of all labours, supervision, materials, equipments, tools & tackles etc.. all complete as directed by Engineer in charge. Bed ash of required quantity will be supplied free of cost at specific request at nearest possible location and the remained/unused quantity of the same shall be removed from site as directed.	10.00	M2	894.38	8943.84
494	Same as above Only labour charges for above Item (Materials of Paver blocks, Fly ash, Bed ash, cement etc..shall be free issue from GIPCL) However, transportation cost are in contractor scope from store yard or stock yard) and required machine for compaction is in scope of contractor and as directed by Engineer in charge.	20.00	M2	125.76	2515.25
495	Providing and laying heavy duty precast curb stone of size 400 x 200 x 100 mm with chamfer at one side including excavation up to required depth, dressing of the sides and ramming of bottom, laying of curb stone in line & level, back filling with selected soil, fixing of curb stone joints with PCC 1:4:8 on both the surface up to Ground Level. Filling of curb stone joints with 1:4 cement mortar above ground level, curing, removing of surplus earth out side premises at suitable location within 03 kms lead etc. complete including cost of all labours, supervision, materials, equipments, tools & tackles etc.. all complete as directed by Engineer in charge.	10.00	RM	338.06	3380.63
496	Same as above but only labour charges for fixing of curb stones issued by GIPCL at free of cost. Necessary transportation from storage of curb stone to work site shall be in contractor's scope.	25.00	RM	162.68	4067.00
497	Integrated weed management on quarterly basis. Rate is per annum for application in every quarter. • Cutting of Shrubs, Bushes and woody plants (dicots) of a given area. • Treatment to the cut stamps by application of weedicide. • Cutting of grass (Monocots) to the desired level. • Spraying of weedicide on this minimal growth. • Removal of grass weeds by uprooting the roots, tubers, Rhizomes etc. • Spraying Weedicide to kill/burn the leafy or Vegetative growth. • Frequency of Spraying, weedicide and manual removal of weeds is intermittent. Chemical to be used are "GLYCEL" and "2-4d (agromore)".	2.00	Sqm	25.38	50.77

498	Cleaning & washing the O.H. Tanks of PVC/RCC at various quarters as well as public buildings. Capacity up to 1500 litters including cleaning of open terrace surrounding with required necessary tools, plants, wire ladders, wire brushes, shelves, buckets, rope & cleaning powder or bleaching powder etc. including removing & disposing mud & sand & disposing the same at place as directed.	1.00	No.	155.76	155.76
499	Cleaning of storm water drains in township covered and open, including removal of tree leaves, foreign materials dust, settle soil, stagnation due to various reasons, removal of chocking of water and disposal of all such debris as specified by GIPCL. The drains are required to be kept clean to ensure free flowing through out the period.	1.00	Meter	9.23	9.23
500	Providing and fixing of fine mesh net on opening area of exhaust fan, size approx. 40cmx40cm,including fixing with M.S. flat on border area and screw it, necessary scaffolding work, painting of flat etc..and as per instruction of site in charge	20.00	No	692.27	13845.44
501	Sofa cleaning by shampooing with machine through experienced approved agency.	1.00	seat	250.38	250.38
502	Chair cleaning by shampooing with machine through experienced approved agency.	3.00	No.	124.61	373.84
503	Providing and fixing of Kota stone 'UMARA PATTI' of size up to 1 1/2" x2" and length up to 1.00mt at entrance of doors as per site location including cutting as per required length and fixed with necessary adhesive/Screw up etc.. As per instruction of site in	25.00	No	388.83	9720.77
504	As above item but only labour charges	25.00	No	222.69	5567.14
505	cleaning of settled sludge from main SEWER line (DIA 230 MM depth Apprx.3.0m to 3.5 mtrs)chamber to chamber by high pressure sewer jet machine & gully emptier ,mud pumps and disposal of sludge in open	1.00	RM	745.35	745.35
506	same as above but for branch line (dia 150mm & depth up to 1.5M to 3.0M)	1.00	RM	681.89	681.89
507	Cleaning of Main Line Chamber of depth 3.00 to 3.5 mt ((including necessary tools and tackles)	1.00	No	3997.89	3997.89
508	Cleaning of Branch Line Chamber of depth up to3.00 mt ((including necessary tools and tackles)	1.00	No.	2192.20	2192.20
509	Providing and Cleaning of soak pit and septic tank by removing and disposing the mud, silt, sewage by using mud pump & tanker for deposing outside including arranging for mud pump, tanker, labour etc… complete as per instruction of engineer in-charge.	1.00	Day	3326.38	3326.38
510	Providing & attending of any type leakages in Sunk area, applying chemical coat or vata and finish the surface with surround surface.	10.00	No	130.38	1303.76
511	Providing & fixing of Green Mat Cloth (UV Treated Net) as approved quality at any elevation as per instruction of Site in charge.	0.50	SM	25.38	12.69

512	Providing, supplying and laying chequered tiles - ROUGHWALK PATTERNS 300mm x 300mm size, 30-32mm thick of VYARA make on 20 mm thick bed of C.M. 1:6 (1 cement : 6 fine sand) laid over and jointed with cement slurry with pigments to match the shades of the tiles. The rate is including shifting, loading, unloading, fixing, curing etc complete as per specification and as directed by Engineer-in charge.	1.00	SQ.M	1166.48	1166.48
513	Providing, supplying and laying marble / kota stone slab 15 to 18 mm thick in door frame laid on 10mm cement mortar 1:4 (1 cement : 4 coarse sand) and finished with flush pointing in white or colour cement including rubbing and polishing, scaffolding, necessary anchoring, chamfering, curing etc. complete as directed. (width of FRAME up to 300mm) FOR PAYMENT SINGLE RUNNING MEASUREMENT OF FRAME CONSIDER. (Basic Rate : Rs 750.0 / S.M.).frame means two piece of stone fix with glue /fevicol & making rebate for door shutter either side.	1.00	R.M.	1021.11	1021.11
514	Providing, supplying and laying marble / kota stone slab 15 to 18 mm thick in WINDOW as per drawing laid on 10mm cement mortar 1:4 (1 cement : 4 coarse sand) and finished with flush pointing in white or colour cement including rubbing and polishing, scaffolding, necessary anchoring, chamfering, curing etc. complete as directed. (width of STONE up to 300mm) FOR PAYMENT SINGLE RUNNING MEASUREMENT OF STONE CONSIDER. (Basic Rate : Rs 750.0 / S.M.)	1.00	R.M	453.44	453.44
515	Labour charge for Making hole in RCC Up to 300mm dia & depth.	1.00	R.M	369.22	369.22
516	Supply of following material at SLPP site including transportation, taxes & duties etc complete. (I) Stone Aggregate of 20 mm down	1.000	MT	1,008.54	1008.54
517	(II) Supply of Red Muram	1.000	MT	325.84	325.84
518	(III) Supply of quarry dust material	1.000	MT	558.58	558.58
519	(IV) Supply of Fine Sand (Narmada)	1.000	MT	775.80	775.80
520	(V) Supply of Ash Bricks	1.000	Per 1000 Nos.	4,137.60	4137.60
(J)	**Structural Fabrication & Erection work**				
521	Supplying, detailing, making shop drawings, fabricating, transporting to site and erecting in position structural steel members conforming to IS: 2062 Grade A, provision of erection bolts, permanent bolts, nuts, washers, welding cleats, stiffeners, gussets, base plates including all operation such as cutting, straightening, grinding, welding, providing erection / permanent bolts, nuts, washers etc. complete, including preparation of surfaces and providing a shop coat of zinc phosphate primer, touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to IS 2932 as per specifications and approved fabrication drawings or as directed by Engineer-in-charge etc all complete. The present basic rate of structural steel is considered at Rs.	0.10	MT	104988.22	10498.82

522	Same as above for quantity up to 100kg at single isolated location at any height.	1.00	Kg	116.54	116.54
523	Fabricating, transporting to site and erecting in position structural steel members conforming to IS: 2062 Grade A (Structural steel issued by GIPCL at free of cost at steel yard), provision of erection bolts, permanent bolts, nuts, washers, welding cleats, stiffeners, gussets, base plates including all operation such as cutting, straightening, grinding, welding, providing erection / permanent bolts, nuts, washers etc. complete, including preparation of surfaces and providing a shop coat of zinc phosphate primer, touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to	0.50	MT	20768.27	10384.13
524	Same as above for quantity up to 100kg at single isolated location at any height.	100.00	Kg	26.53	2653.24
525	Providing, Supplying, detailing, fabrication, transporting to site and erecting in position, with structural steel members fabricated from M.S. square members, pipes, confirming to IS 4923 for truss, till runners, purlines supports, etc. all including all materials & operation such as cutting, straightening, grinding, welding, fixing in line & level at all elevation, providing erection / permanent bolts, nuts, washers etc. complete, including preparation / cleaning of surfaces with wire brush /'mechanical means and providing two coat of red oxide, zinc chromate primer touching up and then applying a second coat of zinc phosphate primer after erection and applying three coats of synthetic enamel paint of approved manufacture, colour and shade conforming to IS 2932 as per specifications and approved fabrication drawings or as directed by Engineer-in-charge etc all complete. The present basic rate of structural steel is considered at Rs. 75,000/- per MT. In case of any revision in basic cost, the differential cost (+ or -) shall be paid accordingly.	0.25	MT	108035.38	27008.85
526	Same as above item but material shall be issued free of cost from GIPCL store and labour charges for fabrication & erection with all necessary tools & tackles, consumables, nuts, washers, accessories, fixtures, etc… complete.	1.00	MT	18753.74	18753.74
527	Supplying, transporting to site and erecting in position M.S.Gate as per approved design including cutting, welding and fabrication, transporting to site fixing/erecting in position, with structural steel members made out with rolled steel section and/or plate conforming to IS 2062 and grouting of same in ground and also including preparation and cleaning of surfaces with wire brush / mechanical means and providing with wire brush / mechanical means and providing a shop coat of red oxide, zinc chromate, primer, touch-up, a second coat of primer after erection and two coats of synthetic enamel paint of approved manufacture , colour and shade as directed by engineer in-charge. All Structural steel, standard fixtures & fasteners will be in the scope of contractor. The rate is including grouting of M.S.Beam in ground with PCC of 1:3:6 (The required quantity of cement for grouting will be issued from our store at free of cost).	1.00	Kg	119.99	119.99

528	Dismantling of damage structure steel from various location/ building including all activities like cutting, removing, shifting of damage material, staging (if required) etc. complete and shifting scrap in to steel yard.	0.50	MT	12557.72	6278.86
529	Same as above for quantity up to 100kg at single isolated location at any height.	1.00	Kg	13.85	13.85
530	Repairing of M.S. Windows/ Gate, which includes servicing, greasing, oiling of shutters, fixing of detached shutters or other parts of windows to bring it in working condition and also includes providing necessary parts like handle lock, latch, stopper, etc… complete. Cost of parts will be reimbursed separately at actual in subsequent item on production of original bills with incoming challan.	22.00	No.	305.76	6726.68
531	Same as above but repairing of MS doors, which includes providing new MS aldrop, hinges, latch, handles, repairing & servicing of shutter to bring it in proper operation. Cost of parts will be reimbursed separately at actual in subsequent item on production of original bills with incoming challan.	1.00	M2	305.76	305.76
532	Supply of various parts/spares for MS doors, windows, barricade boards, etc… like hinges, aldrop, latch, handles, rollers, bearings, etc… or any other whatsoever required for maintenance purpose as directed by Engineer-in-charge. Payment will be made at 10% on original purchase bill value.	1000.00	%	1.10	1100.00
533	Grouting of M.S. inserts like pipes, angles, channels, etc. including shuttering at all heights with cement concrete, etc. complete as directed. Cement will be issued from GIPCL store. Grouting concrete size up to 300mm x 300mm x 300mm is included in the item. For more than this size, the same will be paid in separate item of concreting.	10.00	No	149.99	1499.88
534	Attending under ground running water pipe line leakages with necessary tools & tackles for minimum depth of excavation 1.00 meter. Necessary electric supply for welding, cutting will be provided by GIPCL. (a) Within a lead up to 5 km radius	5.00	No.	4597.87	22989.33
535	(b) lead beyond 5 km and up to 35 kms.	1.00	No.	4960.15	4960.15
536	Same as above but for above ground pipe line leakage which also includes pipeline placed up to 1 meter depth from ground level.	1.00	No.	2721.80	2721.80
537	Removing of existing AC and/or GI sheets and/or FRP (including ridge, corners, gutters) from roof beam purlins and/or wall cladding beams of existing building roofs, parking sheds and any other structures of Power Plant including all required tools & tackles, skilled and/or unskilled labour, supervisor, all necessary safe working arrangements for workers at all height like safe scaffolding, durable ladders, all safety equipments/PPEs, safety belts, including lowering down of sheets, loading, unloading, shifting, transporting, stacking of all removed sheets, J-bolt, etc... at GIPCL store/scrap yard or out side plant premises, etc. all complete in all respects as per specification and as directed by Engineer-in-charge.	25.00	M2	124.72	3118.00
538	Same as above item but Roof Gutter A.C. or G.I. or Galvalume.	5.00	RM	149.99	749.94

539	Same as above item but for total executed gross work done quantity is single roofing/cladding sheet from any one roof/cladding structure for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	1.00	No.	239.99	239.99
540	Supplying, providing and fixing of GI steel sheeting on existing available supports/purlins of various roofing & claddings for building, parking sheds, equipment roofs, godowns, canopy, stores, etc and any other structures including all connected fixtures and accessories such as but not limited to approved make self driven screws with nuts & washer of same approved manufacturer instructions for appropriate length/size as per site requirements or approved make & size PVC coated "J" bolts as directed by Engineer-in-charge including necessary flashing/lapping of sheets as per manufacturer's specifications/recommendations, etc. complete including all materials, manpower, tools & tackles, fastening materials, equipments, machineries, MS scaffolding, all safety equipments/PPEs like but not limited to safety net, safety belts, etc... including transporting, loading, unloading, shifting, safe storage, cutting, lapping of sheets as per manufacturer specification and as per site requirement. The side laps are with special male-female side laps and anti siphoning feature to prevent water leakage. The pan shall be	1.00	M2	752.28	752.28
541	(b) Same as above item 535 but for 20 gauge plain GI sheet	1.00	M2	815.73	815.73
542	(c) Same as above item 535 but for Transparent colour	1.00	M2	941.49	941.49
543	(d) Same as above item 535 but for Transparent colour or	1.00	M2	1003.80	1003.80
544	(e) Same as above item 535 but for Colour coated Galvalume or Zincalume high tensile steel sheeting (as per	1.00	M2	941.49	941.49
545	(f) Same as above item 535 but for Providing, supplying & fixing of 20g GI / Galvalume gutter with including cutting/bending in required size with nuts, bolts etc. complete at all elevations.	0.50	M2	878.04	439.02
546	Labour charges for fixing of new corrugated G I sheets or Colour coated Galvalume or Zincalume high tensile steel sheeting in roofing/ cladding/ covering corners, ridges, etc. at all elevation. All sheets shall be fixed with existing structural supports by means of approved fixtures like new galvanized iron PVC coated J or L hooks 8 mm dia/coated GI bolts or approved quality rust shield coated GI screws (of Hilti make) & bitumen/GI washer, necessary lapping, including cutting to proper size, etc. complete. Required quantity of sheets for roofing & ridge shall be issued at free of cost by GIPCL from store within Plant premises. Necessary transportation, shifting, lifting & safe storage at work site shall be in the scope of contractor. Other approved quality & make standard fixtures shall be supplied & provided by contractor for fixing of sheets. Contractor shall first submit samples of fixtures in advance and GIPCL's approved sample only shall be used for fixing of sheets. All required safe working arrangements as well as issue of safety PPEs to all workers shall be in the scope of contractor for working at such height.	30.00	M2	196.67	5900.10
547	Same as above item 541 but for total executed gross work done quantity is single roofing/cladding sheet from any one roof/cladding structure for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	1.00	No.	244.40	244.40

548	Same as above item 541 but for Same as above item but for total executed gross work done quantity less than or equal to 3.00M at single location/specific work site for all elevations as per specific work requirement confirmed by GIPCL. This is not applicable for individual quantities for single location/specific work site.	1.00	No	316.14	316.14
549	removing only chain link of any height.	1.00	M2	72.69	72.69
550	(a) Providing and fixing of barbed wire fencing with 12-14 gauge barbed wire, 2 cross wire between vertical member over existing compound wall with necessary bolts, nuts and packing for fastening tightening etc.complete including cost of Barbed wire (Length of compound wall will be consider for measurement).	50.00	Rmt.	233.07	11653.55
551	Providing, transporting and fixing of barbed wire fencing with 2.13 Mtr. (7') long heavy duty pre-cast poles and spacing at 2.5 mtr. c/c bracing poles at every 15 mtr. c/c and every junction / corner, this is including the lime painting of all poles with top capping (6' from top) with black enamel paint and numbering of the poles by black letter (2.5" size) on yellow circular background (4" dia) with enamel paints, including evacuation of pits (300mm dia 500mm deep) and grouting of poles with 1:4:8 mix concrete and also including providing, transporting and fixing of 7 rows of 12-14 gauge barbed wire, 2 cross wire between pole to pole with J bolts, nuts and packing for fastening and tightening as directed by GIPCL engineers (The rate is including all cost of material except free issue of cement required for grouting of pole only).	0.50	Rmt.	564.20	282.10
552	Providing, supplying all materials and installing galvanized steel chain link fencing as per IS:2721 (mesh size 50 mm, nominal dia of wire 3mm) 2400mm high including vertical post of ISA 75 x 75 x 6 spaced at 2.5 mtr. intervals with strut angle ISA 50X50X6 at every 05 meter span & all corners, reinforced with MS flat of 50 x 6 mm all around in each span and ISA 50 x 50 x 6 to be run on top & bottom with and all connectors like pin fasteners, concreting of pedestal for vertical post etc. complete as per enclosed sketch & as directed by Engineer in charge including two coats of aluminium paint over a coat of zinc chromate primer on the structure (Required quantity of cement shall be supplied by GIPCL).	1.00	Sqm	1317.63	1317.63
553	Providing, Supplying all materials and installing galvanized steel PVC coated chain link fencing as per IS:2721 minimum 8 gauge (including PVC coating) with mesh size 75mm and of required height including vertical post of ISA 75 x 75 x 6 spaced at 2.5 meter. Intervals with strut angle ISA 50X50X6 at every 05 span & all corners, reinforced with MS flat of 50x6 mm all around in each span and ISA 50 x 50 x 6 to be run on top & bottom with and all connectors like pin fasteners, concreting of pedestal for vertical post etc. complete including two coats of aluminium paint over a coat of zinc chromate primer on the structure and also including concreting for vertical post including cost of all material etc. complete as per specification and as directed by Engineer in charge.	1.00	Sqm	1505.70	1505.70
554	Dismantling of existing damaged MS or GI pipe railing of any size.	5.00	RM	185.76	928.79

555	Providing, supplying, detailing, fabrication, transporting to site and erecting in position hand railing using 32mm NB G.I. Pipes (B-class) with screwed ends with two horizontal rails one at 500 mm and another at 1200 mm above the base level with vertical pipes at 1000 mm including provision of all accessories like necessary bends, ties, junctions, sockets, including all operation such as cutting, straightening, alignment, grinding, welding, fixing in line and level at all elevation as per specification & drawing and also including a toe protection MS plate of 65 x 8 mm shall be provided for all hand railing including painting of toe plate with one coat of primer and two coats of aluminium paint & touching with aluminium paint after erection etc. complete as directed by Engineer in-charge. (Supply of all material including G.I. Pipe, structure steel & paint materials are in the scope of contractor)	1.00	RM	1242.64	1242.64
556	Same as above item 550 but for Same as above item but labour charges for providing & fixing hand railing. Necessary MS or GI pipes will be issued free of cost from GIPCL store.	25.00	RM	461.52	11537.96
557	Same as above item 550 but for quantity up to 3.00 RM at any isolated location.	1.00	No.	1285.50	1285.50
(k)	**SCHEDULE OF RATES FOR LABOUR**				
	AND EQUIPMENTS				
	Supply of Labours / Equipments for any type of works inclusive of all tools, tackles, supervision, Labour Laws liabilities, Insurance, transportation, fuel, operator etc. for the following : (Working Hours of 08 Hours in a Day)				
558	Unskilled labour	50.00	Day	500.93	25046.53
559	Mason	15.00	Day	789.28	11839.18
560	Carpenter	20.00	Day	684.04	13680.84
561	Plumber	30.00	Day	631.42	18942.57
562	Painter	1.00	Day	571.28	571.28
563	Welder / Cutter	5.00	Day	550.64	2753.18
564	Fitter / Rigger	5.00	Day	550.64	2753.18
565	Helper of fitter	10.00	Day	538.27	5382.66
566	Road roller with driver	0.50	Day	7902.56	3951.28
567	Tractor with levelling equip. with driver	1.00	Day	3444.00	3444.00
568	Welding Machine with all accessories	2.00	Day	945.17	1890.35
569	Gas cutting set with DA & Oxygen Cylinder	2.00	Day	1175.95	2351.89
570	Tractor with driver & fuel per day (Loading through manually)	4.00	Day	1440.94	5763.76
571	Tractor with driver & fuel per day (loading through JCB)	1.00	Day	1908.01	1908.01
572	Dumper with driver & fuel per day	1.00	Day	6299.50	6299.50
573	Supply of electric breaker machine with operator	0.50	Day	1802.01	901.00
574	Pneumatic Breaker machine with tractor mounted air compressor, driver & operator.	1.00	Day	5963.66	5963.66
575	JCB with operator, helper & fuel per day (for 08 hrs.)	5.00	Day	7208.03	36040.15
576	Grader with operator, helper & fuel per day (for 08 hrs.)	0.50	Day	19087.81	9543.91
577	Supply of water tanker 3000 litter capacity full of drinking water	1.00	No	2462.31	2462.31
A	**Total Value for One Year Rs.**				**2970025.09**
B	**GST @ 18% of total Amount Rs.**				**534604.52**
C	**Total Amount with GST Rs. (A+B)**				**3504629.61**