

Name Of Work :- 2216 Housing M&R To Resi. Bldg. - Repairing Works in 'K' Type Bungalows in Sector No.9, Gandhinagar. [Door, Window, Sanitary Work, Paver Block, Flooring, Shed, Fabrication And Colour Work Etc.]

SPECIFICATION INDEX

Sr. No	ITEM DESCRIPTION	Page No as per G.T.S. Booklet (Building.)	Item No. As Per G.T.S. Booklet (Building.)	Remarks
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	148	20.23	
2	Dismantling sanitary fittings like washbasin, W.C. pan, Indian & European type, flushing tank etc. including stacking the materials with all lead & lift.	151	20.001	
3	Dismantling C.I. pipes G.S.W. pipes and A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe)	151	20.56	
4	Dismantling steel work including distemping and stacking the materials with all lead and lift.	150	20.43	
5	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	148	20.11(II)	
6	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work	147	20.3	
7	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift	As Per Separate Sheet Attached		
8	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete.	129	18.33	
9	Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete on ceiling and sloping roof.	129	18.33+18.34	
10	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(I Not exceeding 3 Sq.M. in area.	150	20.49(II)	
11	Demolition and disposal of unserviceable materials with all lead and lift.(i) Cement concrete.	147	20.1(II)	

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12	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	As Per Separate Sheet Attached		
13	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings or equivalent as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	As Per Separate Sheet Attached		
14	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	As Per Separate Sheet Attached		
15	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete for hot water.[A] 15 mm.	As Per Separate Sheet Attached		
16	Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm.	As Per Separate Sheet Attached		
17	Providing and fixing cast iron (spun) Nahni trap of the following nominal diameter of self cleansing design with C.I sread down or hinged grating including the cost of cutting and making good the walls and floors 100 mm inlet and 50 mm outlet.	164	23.87	
18	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm	As Per Separate Sheet Attached		
19	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm	As Per Separate Sheet Attached		

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20	Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm	As Per Separate Sheet Attached		
21	Providing and fixing S.W. gully trap with C.I. grating brickmasonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight. (i)Square mouth traps. (A) 100mm x 100mm size P type.	176	24.19(I)	
22	Providing and laying in trenches 6 Kgf/sqmt. working pressure I.S.I. mark PVC SWR pipe of 160 mm dia low density pipe including fitting etc complete in ground.	As Per Separate Sheet Attached		
23	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	119	17.58(I)	
24	Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) cement mortar 1:4 (1-cement :4-sand)	119	17.58(I)	Do 15mm Plaster Instead Of 10mm Plaster
25	20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete.	122	17.95	
26	Removing and scraping old plaster and Providing and Applying polymer modified cementations repair treatment to existing damaged R.C.C surface (R.C.C lintel, slab, chhajja, stair, slab etc.) by removing effected concrete portion clean reinforcement thoroughly with light hammering wire brushing & later applying an approved rust remover on corroded reinforcement applying a slurry coat to reinforcement & concrete surface in the proportion of(1.5:1) (Cement: Polymer) as per manufacturer specification. After that applying a bond coat to the concrete surface in the proportion of (50 kg of OPC Cement:1.5 litres of acrylic base polymer:150 kg of sand) adding 8 to 10 litres water by hand packing or trowel finish up to required thickness including curing and colour washing with lime (two coat) etc. complete & as directed by Engineer In Charge.	As Per Separate Sheet Attached		
27	Excavation for foundation up to 1.5 mt depth including sorting out and stacking of usefull materials and disposing of the excavated stuff up to 50 meter lead.[A] Loose or soft soil	29	4.0.0.A	
28	Providing and laying cement concrete 1:3:6 (1Cement : 3- Coarse sand: 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	39	5.3.2.B	

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29	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregates 20mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth	40	5.3.13	
30	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	51	6.13(B)	
31	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in superstructure above plinth level upto floor two level in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional	51,53	6.13(B)+6.20	
32	Providing and laying ordinary cement concrete 1:1.5:3 (1- Cement 1.5- coarse sand : 3 -graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc.complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A)BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M.	As Per Separate Sheet Attached		
33	Providing and Laying ordinary cement concrete 1:1.5:3 (1- Cement 1.5- coarse sand : 3-graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc.complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness.	As Per Separate Sheet Attached		
34	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level	44	5.4.10	Use TMT Bar FE 500D Instead Of Mild Steel
35	Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 50mm thick.	101	14.71(B)	
36	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall, clearing with water and oxalic acid etc. as directed.	As Per Separate Sheet Attached		
37	Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Consentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S	As Per Separate Sheet Attached		

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38	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg. Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slabe with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	183	24.44 (I)	
39	Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood	68	10.1(A)	
40	Providing and fixing Flush door shuttur 30 mm thick both side 1 mm thick laminated sheet having SS hindges AKS make Towerbolt, jasmin Brand handle, tadi as approved EIC etc	As Per Separate Sheet Attached		
41	Providing & fixing standard powder coated 125 x 75x 3 mm (16 Gauge) pressed metal steel section frame with oil paint etc complete as directed by Engineer-in-charge.	As Per Separate Sheet Attached		
42	P & L 24" x 24" vitrified 6 to 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface jointed with color cement slurry including finised with flush pointing & cleaning the surface etc.complete for light shade.	99	14.43 A	Use 600 x 600 x 6 8 mm Vitrified Tiles Instead Of 25mm Thick Kota Stone Slab
43	Providing and laying vitrified tiles6 to 8 mm thick in skirting , risers of steps and dedo on 10 mm thick cement plaster 1:3 (1Cement : 3 Coarse Sand) & jointed with white cement Slurry.	97	14.32	Use 600 x 600 x 6 8 mm Vitrified Tile in skirting, risers of steps and dedo Instead Of 6mm Thick White Glazed Tile
44	Providing and laying color/printed glazed tiles 5 to 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. (upto 10 ton)	96	14.29	
45	Providing and laying color/ printed glazed tiles 5 to 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3- coarse sand) and jointed with white cement slurry	97	14.32	

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46	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	98	14.43A	
47	Providing and laying polished kota stone slab 25mm thick in risers of steps, skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1- Cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete.	99	14.44	
48	Providing and laying Granite slab (18 mm thick) one side polished flooring over 20mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) or L.M 1 :1.5 laid and jointed with grey cement slurry including rubbing and polishing complete	As Per Separate Sheet Attached		
49	Providing and laying polished granite stone slab 18mm thick in risers of steps, dedo and pilars laid on 10 mm thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with gray cement slurry including rubbing & polishing etc. Complete	As Per Separate Sheet Attached		
50	Providing and laying 18 mm thick polished Black Granite stone slab machine cut in single piece in stair tread of steps laid on 20 mm thick cement mortar 1 : 6 (1 cement : 6 coarse sand) laid over and jointed withgrey cement slurry incl. rubbing and polishing etc complete.	As Per Separate Sheet Attached		
51	Providing and laying 18 mm thick polished Black Granite stone slab machine cut in single piece in sill and jambs,Risers laid on 10 mm thick cement mortar 1 : 3 (1 cement : 3 coarse sand) laid over and jointed withgrey cement slurry incl. rubbing and polishing etc complete.	As Per Separate Sheet Attached		
52	P & L 1200mm x 600mm vitrified 8 to 10 mm thick in skirting , risers of steps and dedo on 10 mm thick cement plaster 1:3 (1 Cement : 3 Coarse Sand) & jointed with white cement Slurry.	97	14.32	Use 1200 x 600 x 6-8 mm white or coloured/ printed Vitrified Tile in skirting, risers of steps and dedo Instead Of 6mm Thick White Glazed Tile & 4mm Groove To Be Filled By Epoxy Material
53	P & L 1200mm x 600mm vitrified 8 to 10 mm thick flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1- cement : 3-coarse sand) finishing with flush pointing in white cement.	96	14.29	Use 1200 x 600 x 6-8 mm white or coloured/ printed Tile

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54	Providing and fixing Domal series three track sliding windows with color anodized frame of size three track Top/Bottom of size 75.5 x 44.5 x 1.17 mm thick @ 1.02 Kg / Rmt and Shutter of size 65 x 26 x 1.17 mm thick @ 0.61 Kg / Rmt with 5 mm modigard glass with rubber gasket with help of Glazing Clip 29.5 x 30 x 1.2 mm @ 0.26 Kg / Rmt and using hardware material, bearing, lock and labour etc comp as approved by EIC	As Per Separate Sheet Attached		
55	Providing and fixing R40 series alluminium openable windows with color anodized frame Top/Bottom/side of size 40.00 x 38 x 1.30 mm thick @ 0.54 Kg / Rmt and Shutter of size 54 x 39 x 1.05 mm thick @ 0.57 Kg / Rmt with 5 mm modigard glass with rubber gasket same mosquitonet shuttur using same section and frame and using hardware material, bearing, lock and labour etc comp as approved by EIC	As Per Separate Sheet Attached		
56	Providing & Fixing Sandwich type Kitchen Platform of 600 wide using Top 18mm thick granite of approved shade and sample and bottom 25mm thick single side Polished kota stone with 25 mm thick screed of cement mortar 1:3 With granite Facia Patti. and vertical End granite supports. The stone shall be fixed by chassing in to the wall surface and supported vertically with 25mm thick sandwich kota stone support including SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 610x460 mm & bowl size 560x410x200 waste brass coupling hindware F850001, stainless steel extension nipple, flexible PVC outlay pipe,Hindware Sink cock with Casted Swinging Spout F330034 etc complete as suggested by Architect/Engineer -in-charge.	As Per Separate Sheet Attached		
57	Providing & fixing 35 mm thick Indian teak wood shutter with partly ply wood paneled and partly fly proof jali S.S (0.56 mm dia) shutter for door including black enameled butt hinges with necessary screw including S.S fixtures & fastening etc.complete as directed.	As Per Separate Sheet Attached		
58	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	97	14.32	
59	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	136	18.57	
60	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials. etc complete.	135	18.51	use weather proof exterior emulsion paint instead of Water proofing cement paint

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61	Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanich the surface of all dirt, dust and other foreign matter.	138	19.7	
62	Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping.	142	19.71	
63	Wall painting (two coats) with Royale Plastic Emulsion Paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	As Per Separate Sheet Attached		
64	Wall paintings with 1 coat of Trucare Interior Wall Primer - Water Thinnable, 2 coat of Royale Luxury Emulsion then final 1 coat of Royale Play Special Effects (make ASIAN PAINTS) complete as directed by Engineer in charge.	As Per Separate Sheet Attached		
65	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	As Per Separate Sheet Attached		
66	Structural steel work (Confirming to IS 4923-1997) riveted,bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position andapplying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.	78	11.2 A	
67	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	170	23.92 (B) (I)	
68	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white / colour	165	23.112 (A)(I)	
69	Providing and fixing wall mounted water closet wall hung type W.C pan approved brand list Hindwere/cera/jeguar jointed with C.I. pipe in C.M 1:1 including C.I chair bracket , seat cover etc complete.	As Per Separate Sheet Attached		
70	Providing and fixing orissa pan(Indian type W.C. pan) 580 mm size including inlet connection with W.C pan 'P' trap vitreous china long pattern white colour.	163	23.111(A)(I)	
71	Providing & laying Low level Flush Tank approved brand list Hindwere/cera/jeguar DUAL FLUSHING SYSTEM WITH AIR FRESHNER with all necessary fittings and connection etc. complete as per EIC.	As Per Separate Sheet Attached		

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72	Providing and fixing health faucet Health Faucet ABS with 1.2 m SS Flexible Tube & ABS Wall Hook : F160023 (Hindwere series) 15 mm Heavy duty with cap with necessary connections as per EIC.			As Per Separate Sheet Attached
73	Providing and fixing C.P. Brass screw down bibcock with wall flange (Hindwere series) Cat. No. F360004, 15 mm dia with center point as per EIC.			As Per Separate Sheet Attached
74	Providing and fixing C.P. Pillar tap , Hindwere series Cat No F360001 capstan head, screw down high pressure with screws, shanks and back nuts. 15 mm dia with center point [kindle make brand] as per EIC.			As Per Separate Sheet Attached
75	Providing and fixing C.P. Brass screw down wall mixer 3 in 1 with bend and with wall flange (Hindwere series)Cat. No. F570022, 15 mm dia with center point as per EIC.			As Per Separate Sheet Attached
76	Providing and fixing angular stop cock F360006 (Hindwere series) 15 mm Heavy duty with cap with necessary connections as per EIC.			As Per Separate Sheet Attached
77	Providing and fixing pressure adjustable "Hindwere series - glamour collection : Flow overhead shower with with revolving joints 225 mm long shower arm code F160142 with necessary connections & including all necessary fittings as per EIC.			As Per Separate Sheet Attached
78	Providing and fixing flat back wash basin approved brand list Hindwere/cera/jeguar with C.I. or M.S. bracket including cutting holes and making good the same including fixing, C.P. brass extension nipple 62mm long, S.S. flange water super connection pipe 60cm. long and full thread waste coupling F850001 etc. complete			As Per Separate Sheet Attached
79	Providing wall mounting 600 mm x 450 mm size mirror 5 mm thick modi guard mirror with 4 mm acrylic back side sheet with clamps & necessary fittings			As Per Separate Sheet Attached
80	providing erecting and fixing three layer coated PVC (ISI) water tank of required capacity with all necessary fittings and connection etc. complete on terrace.			As Per Separate Sheet Attached
81	Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized alluminium frame for ventilation with 5mm thick frosted glass as details etc complete for Ventilation			As Per Separate Sheet Attached
82	Providing and fixing modular type kitchen platform Cabin using water proof 18 mm thick plywood and laminates of different colors with fittings, hardware, hardware material,teakwood framing, and different type of SS baskets with color polishing etc complete as per design approved by EIC.			As Per Separate Sheet Attached
83	Providing and fixing ward robe-cup board using 18mm thick Ply board cupboard of approved brand and quality for shutters, self, top, bottom and sides 6mm thick water proof ply wood in drawers T.W. battern for beading channels for drawers, one coat of primer and two coats of oil paint and polishing work etc. complete.			As Per Separate Sheet Attached

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84	Providing and fixing loft cupboard using 18/19mm thick plywood of approved brand and quality for shutters,top,bottom and sides including teak wood batten for beading,one coat of primer and two coats of oil paint and polishing work etc. complete including S.S fixtures & fastening as directed by engineer incharge.			As Per Separate Sheet Attached
85	Providing and Fixing S.S Hand Rail made from 50mm dia Round pipe supported by 16 mm thick SS pipe bend joint with modular "T" joint with 75 mm dia 8 mm thick base flange on wall at 1.0 mt C/C including accessories as per detailed drawing as directed etc. complete.			As Per Separate Sheet Attached
86	Providing and fixing S.S curtain rod of 25mm dia. with clamp and SS side finial fixed directly on wall with necessary screws and fixtures in line and level on wall up to 6.00mt. height etc. complete as approved and directed by engineer in charge.			As Per Separate Sheet Attached
87	Providing & fixing Roller blinds of imported fabrics as per approved shade and matching head rail with all accessories, material & Labour etc. complete.			As Per Separate Sheet Attached
88	Providing and fixing pre-cast Rubber Dye/steel sye inter locking concrete block 60mm thick with grade of concrete M300 pneumatic compressed/vibrated mechanically and as per approved design confirming to IS 15658: 2006 including 35 mm sand layer for levelling and filling the joint with sand in proper line as per Guidance of IRC: SP 63-2018 etc. completed.			As Per Separate Sheet Attached
89	Providing and fixing pre cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level, filling the joint with C:M 1:3 (1 cement:3 fine sand) etc complete.			As Per Separate Sheet Attached
90	Providing & Fixing Green net for compound wall or chain link jali With clamp, Screw and all other required feeting complete as suggested by Engineer in charge.			As Per Separate Sheet Attached
91	Providing anodized Galvalume sheet for roofing fixed with necessary scew/bolt, washers including all necessary fasteners and fixtures as directed by Engineer In Charge			As Per Separate Sheet Attached

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92	Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5 7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tappingscrews of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.	As Per Separate Sheet Attached		
93	Providing & fixing Color Coated Cold Rolled FRP Roofing Sheet fixed with G.I. plain and bitumen washer, complete excluding cost of purlines, rafters, trusses etc. complete as directed by Engineer in charge.	As Per Separate Sheet Attached		
94	Providing & Fixing PVC Roofing sheet 2.5 mm thick (shape same as village hut - Nliya) with silicon sealant at the joint portion & necessary fitting & fixing etc complete as per instruction of E.I.C.	As Per Separate Sheet Attached		
95	Providing and fixing 1.8 mm thick UV stabilized polycarbonate sheet made from 100% virgin material, IS 14443 certified, for P.N. shed roofing and boundary covering, including supply of approved quality polycarbonate sheets, cutting to required size and shape, fixing with self drilling screws, washers/EPDM gaskets, and all necessary fittings and accessories, complete in all respects as per drawings, specifications and directions of the Engineer-in-Charge.	As Per Separate Sheet Attached		
96	Providing and laying color / printed parking tiles (Pavit brand) 600 x 600 x 16 mm flooring over 20 mm (average) base of cement mortar 1:6 (1 cement : 6 coarse sand) or L.M 1:1.5 laid on new surface and jointed with colour cement slurry including finished with flush pointing & cleaning the surface etc. complete	99	14.43 A	Use 600 x 600 x 6 16 mm Parking Tiles Instead Of 25mm Thick Kota Stone Slab
97	Providing and fixing loft cupboard using 18mm thick PVC sheet of kaka Brand (kaka excellent 0.55 mt x 1.95 mt sheet min. weight 7. kg), 1.2 mm thick pvc laminate and solid pvc framing, brand shutters, top, bottom and sides in framing with all accessories like, ss hinges, handle and magnet with labour work etc. complete including fixtures & fastening as directed by engineer incharge.	As Per Separate Sheet Attached		

Sr. No	ITEM DESCRIPTION	Page No as per G.T.S. Booklet (Building.)	Item No. As Per G.T.S. Booklet (Building.)	Remarks
98	Providing & Fixing modular type kitchen platform cabin using 18mm thick PVC sheet of kaka Brand (kaka excellent 0.55 mt x 1.95 mt sheet min. weight 7. kg) & 1.2 mm thick pvc laminate of different colours with fittings hardware material PVC framing and different type of S.S. basket, hinges, sliding channel and profile handle with labour etc.complete as per design approved by Engineer In Charge.			As Per Separate Sheet Attached
99	Providing and fixing ward robe cupboard using 18mm thick PVC sheet of kaka Brand (kaka excellent 0.55 mt x 1.95 mt sheet min. weight 7. kg) for shutters, self , drawers base including ,1.2 mm thick pvc laminate all around ,Telescopic channels for drawers, etc. complete with S.S fixtures & fastening as directed by engineer in charge.			As Per Separate Sheet Attached
100	Providing and fixing T.V Unit Cabinet using 18 mm thick PVC sheet of kaka or equivalent brand & laminates of different colours with sliding channels and drawers. like conceal hinges, Handles for drawers & shutters, polishing work etc Comp. as directed by EIC			As Per Separate Sheet Attached
101	Providing & Fixing S.S. Grade 304 Anti Mosquito Net Make MARUTI, With battern patti and all required feeting complete as suggested by Engineer in charge.			As Per Separate Sheet Attached
102	Providing & fixing galvanised steel chain link 2 , 10 x 10 guage fencing on existing angle post with G.I. staples and welding with new angle and making square box Including two coat of oil paint. etc complete			As Per Separate Sheet Attached
103	Providing and fixing F.R.C.. Manhole cover 0.60 M. x 0.45M. size having weight not less than 10 Kg.with labour charges etc. complete.			As Per Separate Sheet Attached
104	Providing and fixing 3/4" Heavy Duty Bird Netting for All Birds UV Stabilised including labour, Tools and other accessories as per instruction of Engineer in Charge.			As Per Separate Sheet Attached
105	Providing and Fixing 8 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) with 5mm groove for elasticity filled with Quick setting cement and then covered with mesh tape in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-inCharge			As Per Separate Sheet Attached

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106	Providing and Laying Water Proofing Treatment of Dr. Fixit or equivalent make as per instruction of Engineer-in-Charge. All the works shall be carried as directed by Engineer-in-Charge. 1. Surface Preparation : Cleaning of existing surface from all dust and debris by applying blower, washing the surface by jet spray, Grinding the surface to proper slope and level to remove all unnecessary materials 2. Primer Coat : Apply one coat of Dr. Fixit Primeseal with part of water in the proportion of 2:1 (2 part Primeseal and 1 part of water). Assume 0.15 litre per Sq.m. per Coat 3. Top Coat: Apply the two coat of Dr. Fixit Newcoat without any dilution at the rate of 0.5 litre per Sq.m. and allow it to dry before taking up the second coats, the rate of application being the same. Drying time between coats will be 6 to 8 hrs. including grooves as per instruction of Engineer-in-Charge.			As Per Separate Sheet Attached
107	Providing and fixing plantex S.S. folding Towel rack 1.5. feet/ Towel stand/ hanger including necessary S.S. screw and labour etc. complete.			As Per Separate Sheet Attached
108	Providing and fixing 15 mm brass ball cock heavy with all necessary fittings as per EIC.			As Per Separate Sheet Attached
109	Providing and fixing 25 mm brass ball cock heavy with all necessary fittings as per EIC.			As Per Separate Sheet Attached
110	Providing and fixing European type W/C's Plastic Seat with Cover with brass hinges and rubber butters white vitrious china including necessary fittings and as directed by Engineer In Charge.			As Per Separate Sheet Attached
111	Providing and fixing 15 cm long SS 2 in 1 Towerbolt "AKS " make heavy with all necessary fittings as per EIC.			As Per Separate Sheet Attached
112	Providing and fixing 10 cm long SS 2 in 1 Towerbolt "AKS " make heavy with all necessary fittings as per EIC.			As Per Separate Sheet Attached
113	Providing and fixing 25 cm Brass Heavy Latch (Tadi) "JESMINE" make with all necessary fittings as per EIC.			As Per Separate Sheet Attached
114	Providing and fixing 25 cm long & 3 mm thick Brass heavy Door Aldrop made from JESMINE with all necessary fittings as per EIC.			As Per Separate Sheet Attached
115	Providing and fixing 30 cm long & 3 mm thick Brass heavy Door Aldrop made from JESMINE with all necessary fittings as per EIC.			As Per Separate Sheet Attached
116	Providing and fixing 96 mm Brass Handle "KRIZA" make with all necessary fittings as per EIC.			As Per Separate Sheet Attached
117	Providing and fixing 150 mm Brass Handle "JESMINE" make with all necessary fittings as per EIC.			As Per Separate Sheet Attached
118	Providing and fixing 200 mm Brass Handle "JESMINE" make with all necessary fittings as per EIC.			As Per Separate Sheet Attached

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119	Providing and fixing door stopper "DM" make with all necessary fittings as per EIC.			As Per Separate Sheet Attached
120	Providing & fixing S.S. telescopic channel HATTICH MAKE (pair) make 500 mm with all accessories , material & Labour etc. complete.			As Per Separate Sheet Attached
121	Providing & fixing S.S. Jali 304 grade for nanhi trap "LIPKA " make with all accessories , material & Labour etc. complete.			As Per Separate Sheet Attached
122	Providing and fixing Hindwere/cera/jeguar brand double soap dish with necessary connections & including all necessary fittings as per EIC.			As Per Separate Sheet Attached
123	Providing and fixing Hindwere/cera/jeguar brand Towel Ring with necessary connections & including all necessary fittings as per EIC.			As Per Separate Sheet Attached
124	Providing and fixing Hindwere/cera/jeguar brand 24" Towel Rod with necessary connections & including all necessary fittings as per EIC.			As Per Separate Sheet Attached

Deputy Executive Engineer
Capital Project Sub Div. No.02
Gandhinagar

Executive Engineer
Capital Project Division No.1
Gandhinagar