	BOQ FOR CIVIL WORK AT SME AND RACC DIBRUG	GARH BRA	NCH		
S.N.	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
A. SM	E DIBRUGARH BRANCH:				
1.0	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	Cum	0.1		
2.0	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Cum	18.0		
3.0	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Area of door /window above 3 sq.m.	Each	4.0		
4.0	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	60.0		
5.0	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.ird course of half brick masonry.	sqm	60.0		
6.0	Providing 18mm thick Granite slab on vertical face of pedestal laid over 20 mm thick base of cement mortar in prop. 1:4 (1 cement : 4 coarse sand ) jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete as directed with approved quality of shade.	sqm	5.0		
7.0	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	sqm	120.0		
8.0	Providing and applying Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including pne coat of putty whereever requierd and one coat of primer of approved barncd and applying additional coats wherever required, to achieve even shade and colour. Two Coats	sqm	600.0		
9.0	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 $\pm$ 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Three track three panels sliding window with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 $\pm$ 0.2 mm and	sqm	3.0		
10.0	Providing and laying vitrified tiles in floors, in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws.	sqm	305.0		

Providing and fixing bit quality caramic glazad wait like conforming to 15:       15522 (thickness to be specified by the manufacture), of approved make, in       115.0         115.0 clinitic distribution of the specified by the manufacture), of approved make, in       segme and the specified by the manufacture), approved make, in       115.0         110.0 clinitig with grey coment starting thes and disposal at specified place as permuncipal byelway.       Size of tile 30 cm x 60 cm and above       115.0         Size of tile 30 cm x 60 cm and above       9000000000000000000000000000000000000					
In endour such as White, woy, Core, Limme Red Brown, Liad on 20 mm that       sqm       30.0         12.0       corrent mortar 1:4 (1 Cernert : 4 Coarse sand), Jointing with grey ement stury (6 3.3 kg/sgm including pointing the joints with white cement and matching pigment etc., complete.       sqm       30.0         Size of tile 30 cm x 30 cm and above       Forviding and fixing Choinnated Polyvinyl Choride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, for fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, for fixing the pipe with clamps at 1.00 m pacing.       Metre       10.0         14.0       This includes jointing of pipes & fittings with one step CPVC splate brass threaded fittings, for fixing the pipe with clamps at 1.00 m pacing.       Metre       25.0         14.1       15 mm nominal outer dia. Pipes.       Metre       25.0       14.2         14.2       20 mm nominal outer dia. Pipes.       Metre       15.0       10.0         15.0       Providing and fixing Vitrous china pedestal type water closet (European % CP hash bend with fittings & C.1. brackets, 40mm fittis band, overflow arrangement with specials of standard make and mosquito proof couping of approved municipal design com	11.0	15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws.	sqm	115.0	
In endour such as White, woy, Core, Limme Red Brown, Liad on 20 mm that       sqm       30.0         12.0       corrent mortar 1:4 (1 Cernert : 4 Coarse sand), Jointing with grey ement stury (6 3.3 kg/sgm including pointing the joints with white cement and matching pigment etc., complete.       sqm       30.0         Size of tile 30 cm x 30 cm and above       Forviding and fixing Choinnated Polyvinyl Choride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, for fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC pipes, having thermal stability for hot & cold water supply, including all CPVC plate brass threaded fittings, for fixing the pipe with clamps at 1.00 m pacing.       Metre       10.0         14.0       This includes jointing of pipes & fittings with one step CPVC splate brass threaded fittings, for fixing the pipe with clamps at 1.00 m pacing.       Metre       25.0         14.1       15 mm nominal outer dia. Pipes.       Metre       25.0       14.2         14.2       20 mm nominal outer dia. Pipes.       Metre       15.0       10.0         15.0       Providing and fixing Vitrous china pedestal type water closet (European % CP hash bend with fittings & C.1. brackets, 40mm fittis band, overflow arrangement with specials of standard make and mosquito proof couping of approved municipal design com					
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC clain & line with clamps at 1.00 m spacing. This includes ploints complete as per direction of Engineer in Charge: Internal work - Exposed on wall       Metre       10.0         13.0       specing. This includes jointing of pipes & fittings with one step CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing.       Metre       10.0         14.0       This includes jointing of pipes & fittings with one step CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing.       Metre       25.0         14.1       15 mm nominal outer dia .Pipes.       Metre       25.0       14.2         14.2       20 mm nominal outer dia .Pipes.       Metre       25.0       14.2         15.0       arrangement with specials of standard make and mosquito prof coupling of approved municipal design complete, including painting of fittings and brackets , cutting and making good the walls and floor wherever required.       1.0         16.0       there WC. pan with SII marked black solid plastic seat and lid       10 lite low level white vitreous china pedestal type water closet (European type) with manually controled device including number of tittings and fixing white vitreous china pedestal type water required including cutting and making good the walls and floor wherever required including cutting and making good the walls and floor	12.0	the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and	sqm	30.0	
thermal stability for hot & cold water supply, including all CPVC plain & bracks threaded fittings, including fixing the pipe with clamps 11.00 m       Metre       10.0         13.0       spacing, This includes jointing of pipes & fittings with one step CPVC plain & bracks; internal work - Exposed on wall       Metre       10.0         40 mm nominal outer dia. Pipes.       Internal work - Exposed on wall       10.0         40 mm nominal outer dia. Pipes.       Providing and fixing the pipe with clamps at 1.00 m spacing.       Internal work - Exposed making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc.       Metre       25.0         14.1       15 mm nominal outer dia. Pipes.       Metre       20.0       20.0         14.2       20 mm nominal outer dia. Pipes.       Metre       20.0       20.0         14.3       15 mm nominal outer dia. Pipes.       Metre       10.0       10.0         15.0       approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floor wherever required :       10.0         16.0       W.C. pan with ISI marked black solid plastic seat and lid       Each       1.0         17.0       approved municipal design complete, including painting of fittings and fixtures complete, including cutting and making good the walls and floor wherever requice :       3.0         16.0 <td></td> <td>Size of tile 30 cm x 30 cm and above</td> <td></td> <td></td> <td></td>		Size of tile 30 cm x 30 cm and above			
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing.         14.0       This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc.         14.1       15 mm nominal outer dia .Pipes.       Metre       25.0         14.2       20 mm nominal outer dia .Pipes.       Metre       20.0         14.3       25 mm nominal outer dia .Pipes.       Metre       15.0         Providing and fixing vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow approved municipal design complete, including painting of fittings and brackets , cutting and making good the walls and floor wherever reqd.       Each       1.0         15.0       Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled devilor       Each       1.0         16.0       Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled devilow.       Each       3.0	13.0	thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in	Metre	10.0	
hermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, <i>lic</i> fixing the pipe with clamps at 1.00 m spacing.       Image: Control of Engineer in Charge : Concealed work, including cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge : Concealed work, including cutting chases and making good the walls etc.       Metre       25.0         14.1       15 mm nominal outer dia .Pipes.       Metre       20.0       20.0         14.2       20 mm nominal outer dia .Pipes.       Metre       20.0       20.0         14.3       25 mm nominal outer dia .Pipes.       Metre       15.0       20.0         15.0       aproved municipal design complete, including and fixing vitreous china pedestal type water closet (European type) with seat and lid. 10 fitre low level white vitreous china flushing cisterm & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including patiting of fittings and brackets , cutting and making good the walls and floor wherever reqd.       1.0         16.0       Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid. 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including dusting good the walls andfloors wherever required :       3.0         17.0       W.C. pan with ISI marked white solid plastic seat and lid		40 mm nominal outer dia. Pipes.			
14.2       20 mm nominal outer dia .Pipes.       Metre       20.0         14.3       25 mm nominal outer dia .Pipes.       Metre       15.0         14.3       25 mm nominal outer dia .Pipes.       Metre       15.0         Providing and fixing vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets , cutting and making good the walls and floor wherever reqd.       Each       1.0         15.0       Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid       Each       1.0         16.0       Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including and making good the walls andfloors wherever required :       3.0         17.0       Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :       1.0         17.1	14.0	thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work,			
14.3       25 mm nominal outer dia .Pipes.       Metre       15.0         14.3       25 mm nominal outer dia .Pipes.       Metre       15.0         15.0       Providing and fixing vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floor wherever reqd.       Each       1.0         15.0       Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device, including cutting and making good the walls andfloors wherever required :       Each       3.0         16.0       (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls andfloors wherever required :       S.0         17.0       Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :       1.0         17.1       One urinal basin with 5 litre white PVC automatic flushing cistern       Each       1.0       1.0	14.1	15 mm nominal outer dia .Pipes.	Metre	25.0	
Providing and fixing vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets , cutting and making good the walls and floor wherever reqd.       Each       1.0         15.0       W.C. pan with ISI marked black solid plastic seat and lid       Each       1.0         16.0       Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including and fixing white vitreous china flush and floors wherever required :       3.0         17.0       Providing and fixing white vitreous china flush corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including pof fittings and brackets, cutting and making good the walls and floors wherever required :       1.0         17.1       One urinal basin with Slitre white PVC automatic flushing cistern       Each       1.0         17.2       Range of two urinal basins with 5 litre white P.V.C. automatic flushing cistern       Each       1.0	14.2	20 mm nominal outer dia .Pipes.	Metre	20.0	
type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.1. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floor wherever reqd.Each1.015.0W.C. pan with ISI marked black solid plastic seat and lidProviding and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls andfloors wherever required :3.017.0Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :Each1.017.1One urinal basin with 5 litre white PVC automatic flushing cisternEach1.017.2Range of two urinal basins with 5 litre white P.V.C. automatic flushing to such a suc	14.3	25 mm nominal outer dia .Pipes.	Metre	15.0	
Providing and fixing white vitreous china pedestal type water closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls andfloors wherever required :Each3.016.0W.C. pan with ISI marked white solid plastic seat and lidImage: Seater and lidImage: Seater and lidImage: Seater and lid17.0Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :Image: Seater and lid17.1One urinal basin with 5litre white PVC automatic flushing cisternEach1.017.2Range of two urinal basins with 5 litre white P.V.C. automatic flushing FachImage: Seater	15.0	type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and	Each	1.0	
closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls andfloors wherever required :Each3.016.0W.C. pan with ISI marked white solid plastic seat and lidImage: Seater and lidImage: Seater and lidImage: Seater and lid17.0Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :Image: Seater and lid17.1One urinal basin with 5 litre white PVC automatic flushing cisternEach1.017.2Range of two urinal basins with 5 litre white P.V.C. automatic flushing to urinal basins with 5 litre white P.V.C.Each1.0		W.C. pan with ISI marked black solid plastic seat and lid			
17.0       Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :       Image: Complete image:	16.0	closet(European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls andfloors wherever required :	Each	3.0	
17.0front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :Image: Complete co					
17.1One urinal basin with 5litre white PVC automatic flushing cisternEach1.017.2Range of two urinal basins with 5 litre white P.V.C. automatic flushing EachEach1.0	17.0	front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and			
17.2 Range of two urinal basins with 5 litre white P.V.C. automatic flushing Each 1.0	17 1		Fach	1.0	
	17.2		⊢ach	1.0	

18.0	Providing and fixing wash basin with C.I. brackets, 15 mm dia CPBrass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer wherever required:-	Each	1.0	
19.0	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:	Each	4.0	
	White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps			
20.0	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	Each	5.0	
21.0	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink without drainboard	Each	1.0	
22.0	610 x 460 mm bowl depth 200 mm Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	6.0	
23.0	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	4.0	
24.0	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 1500x450 mm	Each	1.0	
25.0	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	5.0	
26.0	Providing and fixing toilet paper holder of SS :	Each	4.0	
27.0	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 38 mm dia of 83 mm length and 77 mm breadth, weighing not less than 60 gms.	Each	6.0	
28.0	Providing and fixing PTMT Bottle Trap for Wash basin and sink. Bottle trap 38 mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 263 gms	Each	6.0	
28.0	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	Each	6.0	
29.0	Supply & Fixing standard sized Chromium Plated brass towel rail & towel ring complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification.			
29.1	25mm X 600mm long C.P towel rail (Heavy Quality) Prayag or equivalent approved make	Each	6.0	
29.2	C.P. towel ring (Heavy Quality) Prayag or equivalent approved make	Each	3.0	
30.0	Providing and fixing Chromium Plated brass bib cock of approved quality : 15 mm nominal bore	Each	4.0	
31.0	Providing and fixing Chromium Plated brass stop cock of approved quality : 15 mm nominal bore	Each	11.0	

32.0	Providing and fixing ball valve (Chromium Plated) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Each	1.0		
33.0	Supplying, Fitting & fixing of health faucet of Prayag / Jaguare / or equivalent make with one metre long Tube, Hook & all fixtures.	Each	4.0		
34.0	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. 15 mm nominal bore	Each	1.0		
35.0	Providing and fixing CP Brass pillar cock of approved quality and colour. 15 mm nominal bore, 107 mm long, weighing not less than 110 gms.	Each	4.0		
	TOTAL FOR	SME E	BARNCH	H (PART-A)	
B. RA					1
1.0	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.		1.6		
2.0	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In Cement Mortar		18.0		
3.0	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : Area of door /window above 3 sq.m.	Each	8.0		
4.0	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.		95.0		
5.0	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level. Cement mortar 1:4 (1 cement :4 coarse sand)	sqm	25.0		
6.0	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.ird course of half brick masonry.	sqm	25.0		
7.0	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	sqm	60.0		
8.0	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	sqm	100.0		
9.0	Applying and Finishing interior walls with 2 or more coats of plastic emulsion paint of approved colour/shade on surfaces after preparation of base with sand papering, POP/Putty wherever required over a coat of primer of approved brand	sqm	100.0		
10.0	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 $\pm$ 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable. Variation in profile dimension in higher side shall be accepted but no extra payment on this account shall be made. Three track three panels sliding window with fly proof S.S wire mesh (Two nos. glazed & one no. wire mesh panels) made of (big series) frame 116 x 45 mm & sash 46 x 62 mm both having wall thickness of 2.3 $\pm$ 0.2 mm and	sqm	10.00		

Providing and laying vitrified tiles in floors, in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws. Double charge Size of tile 60 cm x 60 cm	sqm	124.0		
Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws.	sqm	21.0		
Size of tile 30 cm x 60 cm and above Providing and laying Ceramic glazed floor tiles (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.		4.00		
Size of tile 30 cm x 30 cm and above				
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall.		15.00		
40 mm nominal outer dia. Pipes.				
Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. :Concealed work, including cutting chases and making good the walls etc.				
15 mm nominal outer dia .Pipes.	Metre	25.0		
20 mm nominal outer dia .Pipes.	Metre	20.0		
	Metre	15.0		
Providing and fixing vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & CP flush bend with fittings & C.I. brackets, 40mm fush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floor wherever reqd. W.C. pan with ISI marked black solid plastic seat and lid	Each	1.0		
Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5litre white PVC automatic flushing cistern	Each	1.0		
	be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws. Double charge Size of tile 60 cm x 60 cm Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement motart 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete Rate shall inclueds dismantling of existing tiles and disposal at specified place as per muncipal byelaws. Size of tile 30 cm x 60 cm and above Providing and laying Ceramic glazed floor tiles (thickness to be specified by the manufacturer) of 1st quality conforming to 1S: 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement motar 1:4 (1 cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. Size of tile 30 cm x 30 cm and above Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and texting of joints complete as per direction of Engineer in Charge . Internal work - Exposed on wall. 40 mm nominal outer dia .Pipes. 22 5m mominal outer dia .Pi	be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3kg/sqm including grouting the joints with white cement and matching pigments etc., complete. Rate shall include Signal Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622, (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineeri-n-Charge, in skiring, riser of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg/sqm reg. in skiring, riser of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cament : 3 coarse sand) and includes dismantiling of existing tiles and disposal at specified place as per muncipal byelaws. Size of tile 30 cm x 60 cm and above Providing and laying Ceramic glazed floor tiles (thickness to be specified by the manufacturer) of 1st quality conforming to 1s': 15622 of approved make in colours such as White, lovny, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete. Size of tile 30 cm x 30 cm and above Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, includies joints complete as per direction of Engineer in Charge: litternal work - Exposed on wall. 40 mm nominal outer dia. Pipes. Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including pointing of tipes as threaded fittings, including pointing of tipes and including ces	be specified by the "manufacturer) with water absorption less than 0.08% and conforming to IS: 15622 of approved make, in all colours and shades, laid on 20mm thick cement mortar 1.4 (1 cement : 4 coarse sand), jointing with grey cement slurry (@ 3.3 kg/sgm including grouting the joints with white cement matching pigments etc., complete. Rate shall included by pelaws. Double charge states approved by Engineer-in-Charge, in skitting, risers of steps and dados, over 12mm thick bed of cement mortar 1.3 (1 cement : 4 coarse sand) and jointing with grey cement slurry (@ 3.3 kg/sgm including shade complete. Rate shall includes dismantling of existing tiles and disposal at specified place as per muncipal byelaws. Size of tile 30 cm x 60 cm and above Providing and Jaying Ceramic glazed flore tiles (Chickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in includes dismantling of existing tiles and disposal at specified place as per muncipal byelaws. Size of tile 30 cm x 60 cm and above Providing and Jaying Ceramic glazed flore tiles (Chickness to be specified by the manufacturer) of 1st quality conforming to IS 15622 of approved make in activity of 1st quality conforming to IS 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick coment and tacting of joints complete. Sate shall includes of things, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Concealed work, including ching the pipe with clamps at 1.00 m spacing. This includes jointing the same including lesting of joints complete as per direction of Engineer in Charge. Concealed work, including and fixing the pipes. Metre 25.0 20 mm nominal outer dia .Pipes. Metre 25.0 20 mm nominal outer dia .P	be specified by the "manufacturer) with water absorption less than 0.08% and conforming to IS : 1562. / of approved make, in all colours and shades, laid on 20mm thick cement motar 14 (1 cement : 4 coarse sand), jointing with grey cement surve (3.3456/smi.indu/ing grouting the joints with white cement and matching pigments etc., complete. Rate shall included size of tile 80 cm x 60 cm Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS. 1562. (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skitting, risers of steps and dados, over 12 mm thick bed of cement mortar 13 (1 cement : 3 coarse sand) and jointing with grey cement slury (3.34 per server, including pointing in white cement mixed with pigment of matching shade complete. Rate shall includes dismaniling of existing tiles and disposal at specified place as per muncipal byelaws. Size of tile 30 cm x 60 cm and above Providing and fixing Carling clazed floor tiles (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, low7, Grey, Fure Red Brown, laid on 20 mm thick cement motar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slury (2) 3.8 kg/sqm including pointing the joints with white cement and sharing pigment etc., complete. Size of tile 30 cm x 30 cm and above Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC pian & brass threaded fittings. In cluding pointing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of pipes & fittings with one step CPVC pipes, having thermal stability for hot & cold water supply, including all CPVC pian & brass threaded fittings. In clarge concealed work, including cuating chases and making good the same including testing of joint

GRAND TOTAL (PART-A + PART-B)					)	
	TOTAL FOR R	RACC E	BARNC	H (PART-B	)	
31.0	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, Single socketed pipes. 110 mm diameter	each	10			
30.0	Providing and fixing CP Brass pillar cock of approved quality and colour. 15 mm nominal bore, 107 mm long, weighing not less than 110 gms.	Each	1.0			
29.0	Supplying, Fitting & fixing of health faucet of Prayag / Jaguare / or equivalent make with one metre long Tube, Hook & all fixtures.	Each	1.0			
28.0	Providing and fixing ball valve (Chromium Plated) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Each	1.0			
27.0	Providing and fixing Chromium Plated brass stop cock of approved quality : 15 mm nominal bore	Each	4.0			
26.0	Providing and fixing Chromium Plated brass bib cock of approved quality : 15 mm nominal bore	Each	1.0			
25.2	C.P. towel ring (Heavy Quality) Prayag or equivalent approved make	Each	1.0			
25.1	25 mm X 600 mm long C.P towel rail (Heavy Quality) Prayag or equivalent approved make	Each	1.0			
25.0	Supply & Fixing standard sized Chromium Plated brass towel rail & towel ring complete with Chromium Plated brass brackets fixed to wooden plugs with Chromium Plated brass screws, complete as per specification.					
24.0	Supply & fixing Fixing Prayag or equivalent make Chromium Plated brass soap dish complete with Chromium Plated brass brackets fixed to P.V.C plugs with Chromium Plated brass screws as per specification. (125mm)	Each	1.0			
23.0	Providing and fixing PTMT Waste Coupling for wash basin and sink, of approved quality and colour. Waste coupling 38 mm dia of 83 mm length and 77 mm breadth, weighing not less than 60 gms.	Each	1.0			
22.0	Providing and fixing SS toilet paper holder	Each	1.0			
21.0	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	1.0			
20.0	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing : Rectangular shape 1500x450 mm	Each	1.0			
19.0	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	Each	1.0			
18.2	recessed at the back for the reception of pipes and fittings.	Each	1.0			
18.1	White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer Providing and fixing white vitreous china pedestal for wash basin completely	Each	1.0			
18.0	single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-					
	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass					