

BOQ FOR CIVIL WORK AT SME AND RACC DIBRUGARH BRANCH

S.N.	DESCRIPTION	UNIT	QNTY	RATE	AMOUNT
A. SME 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 wherever 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 ± 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 ± 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 included dismantling of existing tiles and disposal at specified place as per municipal byelaws. Double charge, Size of tile 60 cm x 60 cm	sqm	305.0		

11.0	<p>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 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 includes dismantling of existing tiles and disposal at specified place as per municipal byelaws.</p> <p>Size of tile 30 cm x 60 cm and above</p>	sqm	115.0		
12.0	<p>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.</p> <p>Size of tile 30 cm x 30 cm and above</p>	sqm	30.0		
13.0	<p>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</p> <p>40 mm nominal outer dia. Pipes.</p>	Metre	10.0		
14.0	<p>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.</p>				
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		
15.0	<p>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.</p> <p>W.C. pan with ISI marked black solid plastic seat and lid</p>	Each	1.0		
16.0	<p>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 :</p> <p>W.C. pan with ISI marked white solid plastic seat and lid</p>	Each	3.0		
17.0	<p>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 :</p>				
17.1	One urinal basin with 5litre 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		

18.0	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass 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: White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	Each	4.0		
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 610 x 460 mm bowl depth 200 mm	Each	1.0		
22.0	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 BARNCH (PART-A)					
B. RACC 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	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	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	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.	sqm	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 ± 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 ± 0.2 mm and	sqm	10.00		

11.0	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 includes dismantling of existing tiles and disposal at specified place as per municipal byelaws. Double charge Size of tile 60 cm x 60 cm	sqm	124.0		
12.0	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 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 includes dismantling of existing tiles and disposal at specified place as per municipal byelaws. Size of tile 30 cm x 60 cm and above	sqm	21.0		
13.0	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. Size of tile 30 cm x 30 cm and above	sqm	4.00		
14.0	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. 40 mm nominal outer dia. Pipes.	Metre	15.00		
15.0	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.				
15.1	15 mm nominal outer dia .Pipes.	Metre	25.0		
15.2	20 mm nominal outer dia .Pipes.	Metre	20.0		
15.3	25 mm nominal outer dia .Pipes.	Metre	15.0		
16.0	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 flush 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		
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 : One urinal basin with 5litre white PVC automatic flushing cistern	Each	1.0		

18.0	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:-				
18.1	White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	Each	1.0		
18.2	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	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		
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		
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		
22.0	Providing and fixing SS toilet paper holder	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		
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		
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.				
25.1	25 mm X 600 mm long C.P towel rail (Heavy Quality) Prayag or equivalent approved make	Each	1.0		
25.2	C.P. towel ring (Heavy Quality) Prayag or equivalent approved make	Each	1.0		
26.0	Providing and fixing Chromium Plated brass bib cock of approved quality : 15 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		
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		
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		
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		
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		
TOTAL FOR RACC BARNCH (PART-B)					
GRAND TOTAL (PART-A + PART-B)					