

1.1.1. Staff Room with verandah, 01 no Gents Toilet, 01 no Ladies Toilet:-

- (a) Location :- APS Jorhat
- (b) Staff Room Size : 50 ft length x 18 ft Width
- (c) Verandah width : 50 ft length x 8ft Width
- (d) Gents Toilet Size : 6ft length x 8ft Width at rear side left end
- (e) Ladies Toilet Size : 6ft length x 8ft Width at rear side right end
- (f) Plinth Height : 450 mm from GL
- (g) Floor Height : 3200 mm at side wall of staff room
- (h) Roof slope : 1:3
- (i) Footing 1200 x 1200 mm RCC M-25
- (j) Column & Beam :- Column -6x2+2x2=16 nos RCC M-25
Plinth beam & Top beam size 250mm x 350 mm
- (k) Wall : 250 mm thick cement mortar (1:6) Brick wall all side of staff room and three side of toilets room.
- (l) Roof : Pre-painted galvalume aluminum zinc coating GI based corrugated steel sheet 0.50mm thick with rolled mild hollow steel sections steel (minimum thickness 2.6 mm)of grade YSt 310 conform to IS 4923-1997 in roof trusses (framed) of member size 49.5x49.5x2.6 mm , trussed, purlins, bracing and fastenings including distance pieces, cleats etc
- (m) Verandah Column 3 nos RHS 96 mm x 48 mm x 3.2mm
- (n) False Ceiling : Staff Room & toilets:-Power coated aluminium snap grid frame work for false ceiling, size of grid 605 x 605 mm, including aluminium main/cross tee of size 35mm x 23mm x 1.5 mm (minimum) aluminum BULBED TEES section and aluminium angle of 25mm X25mm X1.5mm thick, suitable type GI wire hanging arrangement with adjuster and including 6 mm thick high pressure steam cured non asbestos fibre cement designer board as per IS 14862 ; with applying of two coats of acrylic distemper
- (o) Roofing : Pre-painted galvalume aluminum zinc coating GI based corrugated steel sheet 0.50mm thick with rolled mild hollow steel sections steel (minimum thickness 3.2 mm)of grade YSt 310 conform to IS 4923-1997 in roof trusses (framed), trussed, purlins, bracing and fastenings including distance pieces, cleats etc
- (p) Door for staff room : Two nos 1200 x 2100 mm :- Aluminums door with powder coated frame & shutters, section weighing 1.00 Kg/ m (minimum) thickness not

- less than 2.00 mm including necessary joining cleats,glazing clips, rubber neoprene packing, handles 2 Nos in each door, floor hinges, aluminum snap beading screws etc including 5 mm thick colourglass
- (q) Windowfor staff room : Sixnos 1200 x 1200 mm :- Aluminums sliding window with powder coated frame &shutters, thickness not less than 1.50 mm including necessary joining cleats,glazing clips, rubber neoprene packing, handles 2 Nos in each door, floor hinges, aluminum snap beading screws etc including 4 mm thickcolour glass and MS grill
- (r) Door for toilet : Two nos 900 x 2100 mm :-Solid PVC door frame with 30 mm thick solid PVC Moulded Door Shutter including all building hardware.
- (s) Window for toilet : Twonos600 x 900 mm :- Aluminium casement window and ventilator shutters, side hung type without sash bars, side hung type without sash bars, aluminium sections including necessary joining cleats, glazing clips, rubber packing, anodized aluminium snap beading, screws, anodized aluminium fittings such as peg stays 150 mm long (1 No.), hinges type B-21 100 mm long (2 Nos.) suitable handle (1 No.) with 4 mm figured glass
- (t) Flooring for staff room & verandah **600mm x 600mm Non skid ceramic** colour tiles shall be laid over 15mm thick screed bed in Cement Mortar 1:4 over 75 mm thick PCC M-7.5 using 40 mm graded stone aggregate over 75mm thick sand layer covered with 150 micron polythene film over well rammed earth filling.
- (u) Flooring for staff room & verandah **600mm x 600mm Non skid ceramic** colour tiles shall be laid over 15mm thick screed bed in Cement Mortar 1:4 over 75 mm thick PCC M-7.5 using 40 mm graded stone aggregate over 75mm thick sand layer covered with 150 micron polythene film over well rammed earth filling.
- (v) Internal finished &plaster Two coats **acrylic distemper** over a coat of primerover a coat of cement based white wall putty of minimum thickness of 1.5 mm over 10mm thick with cement mortar (1:6) internal plaster.
- (w) External finished & plaster Two coats of acrylic exterior weather resistant paint(weather proof paint) and Maximum coverage of 5.00 Sqm per litre per two coats paint over a coat of acrylic primer over 15 mm thick Cement Mortar(1:4) External plastered surfaces

**SANITARY APPLIANCE
AND FITTING**

- (x) Gents Toilet 01 no EWC, 01 no vitreous china half stall urinal, flushing cistern, 01 no hand wash basin, mirror one no all type bathroom CP fitting, 110 mm diaPVC SWR pipe , 20 mm dia CPVC Pipe
- (y) Ladies Toilet 01 no EWC, 01 no vitreous china half stall urinal, flushing cistern, 01 no hand wash basin, mirror one no all type bathroom CP fitting, 110 mm diaPVC SWR pipe& 20 mm CPVC pipe
- (z) Point wiring with all type accessories Point wiring complete with 1.5 Sqmm single core PVC insulated multi stranded copper conductor cable 1100 volt grade, FRLSH through and including 20 mm PVC conduit & its accessories, cadmium screws fixed in concealed surface of wall/ceiling/false ceiling and including 1.5 Sqmm single core PVC insulated and unsheathed multi stranded copper conductor cable FRLSH as earth continuity conductor and MS boxes made of 16 gauge MS sheet concealed type on walls cover 3mm thick laminated sheet for housing complete
- Light Point : 20 watt -8 nos
 - Light Point : 10 watt -2nos
 - Fan Point :- 3 nos
 - 5 amps switch socket:- 6 nos
- Point wiring complete with 2.5 Sqmm single core PVC insulated multi stranded copper conductor cable 1100 volt grade, FRLSH through and including 20 mm PVC conduit & its accessories, cadmium screws fixed in concealed surface of wall/ceiling/false ceiling and including 2.5 Sqmm single core PVC insulated and unsheathed multi stranded copper conductor cable FRLSH as earth continuity conductor and MS boxes made of 16 gauge MS sheet concealed type on walls cover 3mm thick laminated sheet for housing complete
- 15 amps switch socket:- 2nos
- (aa) Light & Fan
- Light : 20 watt LED -8 nos
 - Light : 10 watt LED -2nos
 - Ceiling Fan:- 03 Nos
 - Exhaust Fan; 02 nos

(bb) DB & MCB

SPN 4 way DB , 04nos 6 Amps MCB

(cc) All Standard building accessories as required at side

(dd) Termite Treatment to be carried out in the selected location of the Staff Room before start the construction work.

