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Policy Letter No 10/2012

Directorate General Married
Accommodation Project (DG MAP)
Engineer-in-Chief's Branch,
Integrated HQ of MoD (Army)
Kashmir House, Rajaji Marg,
DHQ PO, New Delhi-110011

21379/Spec Ph-III/P&S/08 /MAP

10 Jul 2012

(All PMs & DEPMCs)

SPECIFICATIONS: BUILDERS HARDWARE FITTINGS

1. Refer this Headquarters letter No 21378/Vendor PH-III/P&S/03/MAP dt 29 Jun 2012.
2. Given in the succeeding sub paragraphs are the specifications for Builders Hardware fittings for the future projects of MAP Phase-II & Phase-III:-
 - (a) Iron mongery (hardware fittings) shall conform to the samples or shall be of approved make and as specified hereinafter. All ironmongery and hardware fittings (except hinges and other than those required for steel windows / vents) shall be of Aluminium alloy anodized. All fittings shall be ISI marked and as approved by PM. All screws shall be of cadmium plated steel, unless otherwise specified.
 - (b) Hinges shall be as described below:
Butt hinges shall be cold rolled mild Steel galvanized, medium weight 100 mm long for Doors shutter ISI marked (IS: 1341) and as specified in SSR Part-I 2009 clause 9.7.2 on page 181 and approved by PM.
 - (c) Hinges shall be fixed to wood and wood based members with CP steel screws. Hinges shall be welded to mild steel frames irrespective of what is shown on drawings.
 - (d) Aluminium anodized sliding door bolts (type 3) 250 mm long with hasps and staple (bolt type) and fixing clips of sheet and bolt of extruded section of aluminium alloy, 16mm dia and shall be provided one each to all wooden / MS door shutters in all type of dwelling units. These shall be complied with IS 2681-1993 and with fixing bolts.
 - (e) Aluminium anodized tower bolt 200 mm long & 150 mm long as shown on drawings shall be provided in all types of dwelling units. The barrel and the bolts shall be of extruded section of aluminium alloy. The aluminium tower bolt shall comply with IS 204 (Part-2) - 1992. However, the diameter of the bolts shall be 12mm.

(f) The tie hanger in cupboards shall be of aluminium anodised pipe of 10mm internal diameter, 300mm long with standard aluminium anodized brackets as approved by PM. Wall thickness of aluminium pipe should be more than 1mm.

Note: 1. All aluminium anodized fittings shall conform to relevant IS and approved by the PM.

2. The rates given in the MES schedule shall apply to ironmongery (Hardware fittings) specified above even though these may not conform to specifications given in MES schedule.

(g) 20 mm dia Stainless Steel pipe (1.2 mm wall thickness) with appropriate socket for cupboard shall be provided as shown on the drawings.

(h) Aluminium alloy (anodized) locking bolts (10 mm dia 100 mm size) shall be ISI marked (IS 2681) and be provided to each door shutter where shown on drawings.

(j) Aluminium rubber stopper double legged shall be fixed to bottom rail of door shutter for offices DU's and in JCO.OR DU's and Servant Quarters wooden door stopper with one No. 50 mm size butt hinge shall be provided.

(k) Aluminium magnetic catcher of heavy duty of standard make shall be provided in all type of Dwelling units.

(l) Aluminium anodized hasp & staples safety type conforming to IS: 363-1993 in cupboard and loft door shall be provided in all type of dwelling units.

(m) Magic eye shall be provided to each entrance door (one per DU) as per locations shown on drawings and shall be as per sample approved by the PM. It shall be of brass body, with both sides lenses, and of approved make.

(n) Locks for cupboard shall be of Grade -2, size 50 mm 4 levers unless otherwise specified and wherever shown in drawings shall be of brass all as specified in clause 9.9.4 of MES SSR Part-I of 2009 on page 184.

(o) Tubular towel rail of Brass Chromium plated 20mm dia, D type 600mm long between flanges shall be provided in toilets of all type of dwelling units.

(p) Piano hinges shall be stainless steel, 30 mm width of flaps (when opened) fixed to cupboard, loft door and kitchen cabinet. The continuous hinges shall be conforming to IS: 3818-1992. The hinge pin shall be of stainless steel.

(q) Extruded aluminum alloy handles, fabricated type anodized 150 mm size for door and 100mm for window, ventilators, cup-board, loft door, cabinet shall be provided in all type of dwelling units. Handle shall be ISI marked conforming to IS: 208-1996.

(r) Peg set of four shall be fixed to door shutters of toilets as shown on drawings.

(s) Drapery Rod shall be provided in all DU's with following specifications:-

(i) **Officers Md Accommodation.** High strength Aluminium Rod with powder coated paint thickness 40-60 microns having outer dia of 28mm & inner dia of 24.5mm, plastic rings made of ABS plastic with outer dia 56-58mm & inner dia 40-42mm. Decorative finials of ABS plastic in matching colour & installation brackets of galvanized steel, powder coated paint in matching colour (Make: MAC- Sleek line type II Model/ VISTA Levolor Soffio II).

(ii) **JCOs/ORs and equivalent accommodation.** High strength Aluminium Rod with powder coated paint thickness 40-60 microns having outer dia of 19/20mm & inner dia of 16mm. Rings made of ABS plastic. Decorative finials of ABS plastic in matching colour & installation brackets of galvanized steel, powder coated paint in matching colour (Make: MAC- Sleek line type I Model/ VISTA Levolor Soffio I).

(JS Sodhi)
Lt Col
SO 1 (P&S)
for DG MAP

Internal

Team 'A'	-	for necessary action please
Team 'B'	-	-do-
Contract Section Team 'A'	-	-do-
Contract Section Team 'B'	-	-do-
Arch Section	-	-do-