

21379/Spec Ph-III/P&S/16/MAP

11 Jul 2012

(All PMs & DEPMCs)

SPECIFICATIONS: CEILING FANS

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 Ceiling Fans for the future projects of MAP Phase-II and Phase-III:-

(a) ISI marked electric ceiling fan capacitor type with double ball bearing complete with capacitor 300mm down rod, canopies, three number blades made of aluminium alloy, electronic stepped speed regulator suitable for single phase AC, 230 volt, 50 Hz supply and confirming to clause I of IS: 374/1979 with amendment number 1 to 6 :-

(b) Blade thickness without paint shall be as follows:-

| | <u>Sweep size</u> | <u>Minimum blade thickness</u> |
|------|--------------------------|---------------------------------------|
| (i) | 900mm & 1200mm | 1.0mm |
| (ii) | 1400mm & 1500mm | 1.1 mm |

(c) The material of the blade shall be H3 Grade Aluminium Alloy Sheet conforming to IS: 7/1976.

(d) The load bearing bolt shall be of min. 6 mm with aluminium clamp, Spring Washer, nut and Check nut and split pin.

(e) Down rod shall be of 1.5 to 1.6 mm nominal thick ERW pipe of appropriate length.

(f) Shackle made from 2mm nominal thick CRC sheet.

(g) Bolts (Nos) shall be 6 mm with spring, washer, nut and check nut and split pin.

(h) Shank shall be made of CRC sheet of thickness 1.6mm minimum without paint for all size.

(j) Power coated super Enamel paint with primer coating, with colour.

(k) Capacitor of size ranging from 1.70 to 2.50 mfd to be put and fixed for easy replacement and placed and sufficient distance from the windings, and shall comply with IS: 1709-1984 and shall be suitable for working at full load under ambient temp up to 70°C.

(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-