

**Special Conditions:**

The seat & berths shall have following major constituents complying with the following requirements:

The bidder shall manufacture seat and berths with pre inspected material as per following specification.

(1) Cushioning material:

- The Cushioning Material to be procured from the sources of RCF Vendor Directory.
- The functional & physical requirement shall be PU FOAM to RDSO SPEC. RDSO/2007/CG-04 REV. 01 OR SILICON FOAM TO SPEC.RDSO/2013/CG-13 Rev-1 with fire properties compliant to R21 HL-3 OF EN45545 standard
- Cushion should be directly molded and the cushion shall have thickness not less than the minimum thickness of the cushion specified in the drawing.
- The fire-retardant tests as per EN 45545 -2 as specified in specification shall be conducted by either a Lab accredited by NABL for these testes or a lab accredited as per ISO/IEC-17025 to perform/ conduct fire test as per EN45545-2.

(2) Fire barrier cloth:


- The functional requirement shall be as per MCF Spec MMDTS-19021 Rev-03 or latest with amendments.
- The fire barrier material shall comply with the physical properties as per Table 1 of para 2.5 of the specification MMDTS 19021 Rev-03.
- The fire-retardant tests as per EN 45545 -2 as specified in specification shall be conducted by either a Lab accredited by NABL for these testes or a lab accredited as per ISO/IEC-17025 to perform/ conduct fire test as per EN45545-2. This shall supersede the relevant clause of MMDTS 19021 Rev-03.

(3) Upholstery:

- The top covering artificial leather to be procured from approved sources of RCF Vendor Directory.
- The functional requirement shall be as per RDSO/2008/CG\_-07 Rev NIL with latest amendments and corrigendum. The upholstery shall meet the all parameters as specified in the specification.

**Note:**

- (i) Fire barrier Cloth is in the scope of supply and to be provided in the Seat & Berth assembly.
- (ii) Fire Barrier Cloth has to be wrapped all around on the Cushion foam with covering the side of Cushion and 50mm from the bottom of the cushion.

  
(Nitin Yadav)  
Dy.CME/D/F

CDE: - If agree may kindly approve the same

CPLE  
DY CPLE-II & III