



Ref: NCB/F-200609/2020-2021 (N)

Specification of Refrigerator

1. System should be vertical standing and should have working volume of 650 Ltrs ($\pm 5\%$)
2. The system should be microprocessor controlled and should have LCD Screen with easy icons and user-friendly control system.
3. The system should have manual defrost.
4. The system should have toughened glass double door.
5. The system should have minimum 8 nos of adjustable shelves.
6. The system should have audio- visual alarms for low/ high temperature, door open and power failure. Preferably there should be an option to mute the audible alarms.
7. System should be supplied with stabilizer and all other accessories required for proper functioning of refrigerator.
8. The system should have Caster moving wheels with stopper for easy movement
9. The system should have minimum 3-year warranty
10. The system should be CE/ISO certified.
11. Power supply should be 230V, 50HZ
12. The system should have efficiency and low power consumption.
13. The system should be high power efficient, have high grade thermal Insulation. Supplier should mention the power rating and per hour power requirement for the system.
14. The system should have suitable display for temperature.
15. The system should be certified for research grade as per norms of IS & CE or equivalent.
16. The Company must quote the refrigerator with all the suitable documents to justify the specification of product.
17. Compliance to each of the above points should be separately indicated and evidence of presence for each of them (Product brochures should be highlighted wherever required).
18. The service provider should have the base in Bangalore. Office address and service Engineer contact details should be enclosed with the quotation
19. The past performance/service support in NCBS/instem/ccamp (Blisc) should be satisfactory and the technical evaluation will be done accordingly.
20. The product should be as per CE/IEC guideline and certificate from authorized body should be submitted. No self-declaration will be accepted.