

## Schedule – III

### Ripple Mattress

1. Size: Rippled part 6ft X 3ft
2. Alternate rippling effect with air insufflations & sucking effect
3. Air insufflators
4. 2 tubes for alternate air insufflations
5. **Environmental factors**
  - a. The unit shall be capable of being stored continuously in ambient temperature of 10-40° C & relative humidity of 15-90%
  - b. Shall meet IEC-60601-1-2:2001 (or equivalent BIS) general requirements of safety for electromagnetic compatibility
  - c. Shall be capable of operating continuously in ambient temperature of 10-40° C and relative humidity of 15-90%
6. **Power Back-up**
  - a. Power input: 220-240V/50Hz Single phase or 380-400 V AC50 Hz three phase fitted with appropriated Indian plugs & sockets.
7. **Standards, Safety & Training**
  - a. Electrical safety conforms to standards for electrical safety IEC-60601/IS-13450
  - b. Manufacturer should have ISO certification for quality standards
  - c. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual
  - d. Warranty for 2 years
  - e. User manual in English
  - f. Service manual in English
  - g. List of important spare parts and accessories with their part number and costing
  - h. Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page /para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual, will not be considered.
  - i. It should be CE(EU) 4 digit / USFDA certification

**Note:** supply of Ripple Mattress should consist of one unit of air insufflators and two units of mattress.