|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Macerator System for Disposal of Sanitary Pad** | | | | |
| S.no. | **Purchaser's Specification** | **Yes/No** | **Page no. in catalogue** | **Remarks** |
|  | **Sanitary Pad Disposal** |  |  |  |
|  | **Manufacturer** |  |  |  |
|  | **Brand** |  |  |  |
|  | **Type/Model** |  |  |  |
|  | **Country of Origin** |  |  |  |
| **1** | **Description of Function** |  |  |  |
| 1.1 | Macerator system for hygienic disposal of sanitary pad, nappies, diapers to a fine slurry for standard  disposal through the drainage system |  |  |  |
| **2** | **Operational Requirement** |  |  |  |
| 2.1 | Fully automatic disposal of sanitary pad, nappies & diapers only to a fine slurry by cutting blades and standard disposal through the drainage system |  |  |  |
| **3** | **Technical Specification** |  |  |  |
| 3.1 | Pulverizer/ Grinder system to macerate the sanitary pad, nappies, diaper and incontinence product to fine particle with a separate water pump to flush it ot the drainage system. |  |  |  |
| 3.2 | Should be fully automatic after loading the incontinence and must have odor control mechanism |  |  |  |
| 3.3 | Load Capacity: At least 10 sanitary pads/ 2 adult  diaper / 4 baby nappies |  |  |  |
| 3.4 | Cistern Capacity: 15 liters or more. |  |  |  |
| 3.5 | Should be silver ion antibacterial technology for protection against the growth of bacteria. |  |  |  |
| 3.6 | Should have small footprint: Approx. 0.3 sq.m or less |  |  |  |
| 3.7 | Cycle time: Not more than 150 seconds. |  |  |  |
| 3.8 | System should consume low energy per cycle: 0.05 KWh/cycle or less |  |  |  |
| 3.9 | System should have high efficiency motor of approx. 1500W or less |  |  |  |
| 3.10 | System should not consume more than 35 liters of water per cycle. |  |  |  |
| 3.11 | System should have feature to decontaminate the plum before dispensing it to the drainage. |  |  |  |
| **4** | **Accessories, spares and consumables** |  |  |  |
| 4.1 | Should come with all the fixture and fitting to connect the macerator system with existing water pipe and drainage |  |  |  |
| 4.2 | All standard accessories, consumables and parts required to operate the equipment |  |  |  |
| **5** | **Operating Environment** |  |  |  |
|  | The system offered shall be designed to be stored and to operate normally under the conditions of the purchaser's country. The conditions include Power Supply, Climate, Temperature, Humidity, etc. |  |  |  |
|  | Power supply: 100 – 240 VAC, 50-60Hz fitted with appropriate plug. |  |  |  |
| **6** | **Standards & Safety Requirements** |  |  |  |
| 6.1 | Must submit ISO 9001 or ISO 13485:2003/AC:2007 |  |  |  |
| 6.2 | CE (93/42 EEC Directives) or USFDA approved product certificate. |  |  |  |
| 6.3 | Must comply with Machinery Safety Directive  2006/42/EC and Must follow Low Voltage Directive 2014/35/EC |  |  |  |
| **7** | **User Training** |  |  |  |
| 7.1 | Must provide on-site user training (including how to use and maintain the equipment). |  |  |  |
| **8** | **Warranty** |  |  |  |
| 8.1 | Comprehensive warranty for 1 year after acceptance. |  |  |  |
| **9** | **Maintenance Service During Warranty Period** |  |  |  |
| 9.1 | During the warranty period supplier must ensure planned preventive maintenance (PPM) along with corrective/breakdown maintenance whenever required. |  |  |  |
| **10** | **Installation and Commissioning** |  |  |  |
| 10.1 | The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail. |  |  |  |
| **11** | **Documentation** |  |  |  |
| 11.1 | User (Operating) manual in English |  |  |  |
| 11.2 | Service (Technical / Maintenance) manual in English |  |  |  |