**Annex A**

**PRODUCT SPECIFICATIONS OF AUTOMATED EXTERNAL DEFIBRILLATOR (AED)**

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| **Description of function** | | | | |
| **Automated External Defibrillator (AED)** are critical life saving devices, required to revive the heart functions by delivering precisely calibrated dose of electrical shocks. | | | | |
| **S.N.** | **General Specification** | | | |
| **Parameter** | **Specification** | **Comply**  **(Yes/No/Specify)** | **Please provide reason if not comply** |
| 1 | Power supply | AC 220V-240V, 50Hz or Battery operated |  |  |
| 2 | Certification | 1. CE or FDA certification  2. HSA certification along with class and registration number |  |  |
| 3 | Safety | Class I or II, Type CF |  |  |
|  | **Operating Specification** | | | |
| 4 | Mode of operation | Automatic External Defibrillation (AED) |  |  |
| 5 | Monitoring | ECG (Optional) |  |  |
| 6 | Data collection | Export to USB Flash drive or In-built printer or Software based (event summary, Configuration, self-test and battery status) |  |  |
| 7 | Shock delivery technique | Biphasic |  |  |
| 8 | Highest energy discharge | 200 Jls or above energy discharges |  |  |
| 9 | Operating mode | Compatible with adults and pediatrics with patient contact indicator |  |  |

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|  | **Technical Specification** | | | |
|  | **Parameter** | **Specification** | **Comply**  **(Yes/No/Specify)** | **Please provide reason if not comply** |
| 10 | Energy discharge program | Able to set min three energy level program for discharge |  |  |
| 11 | Energy Charging Time | Less than 10 seconds to reach maximum energy |  |  |
| 12 | Display | High-resolution LCD display |  |  |
| 13 | Rescue prompt | Clear audible and visual prompt |  |  |
| 14 | Real-time CPR | CPR real-time feedback system to improve quality of CPR (chest compression and depth is measured in real-time) |  |  |
| 15 | Self-test | Capable of self-test to check complete performance of the unit on routine basis (programmable) |  |  |
| 16 | Manuals | User, Service, Spares parts and Accessories |  |  |

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|  | **Additional Information** | | | |
|  | **Parameter** | **Specification** | **Comply**  **(Yes/No/Specify)** | **Please provide reason if not comply** |
| 17 | Warranty | Minimum 8 years, inclusive of yearly preventive maintenance (Please specify)  1. To provide standby unit, if unable to rectify in 24 hrs. during breakdown |  |  |
| 18 | User training | Two sessions / year / unit |  |  |
| 20 | Battery | Battery Scheduled replacement (Please Specify) |  |  |
| 23 | Availability of Spare parts | To support for 8 years from date of  Installation. |  |  |