#### TECHNICAL COMPLIANCE MATRIX

**RFP 612575-AY – Ten (10) Portable Emergency Decontamination Systems**

Please complete Technical Compliance Matrix, any proposed deviations shall be clearly defined and justified.

| **Ref.** | **Specification Requirements** | **Compliant Yes/No** | **Bidder’s comments** |
| --- | --- | --- | --- |
| **3** | **Requirements** |  |  |
| **3.1** | **Functional and Performance Requirements**  The System shall meet the following functional and performance requirements: |  |  |
| 3.1.1 | Provide appropriate wet decontamination of emergency first responders; | Yes  No |  |
| 3.1.2 | Provide protection against adverse or inclement weather with a vinyl enclosure; | Yes  No |  |
| 3.1.3 | Be of a rugged design with appropriate fixtures and fastenings to allow for use in adverse or inclement weather conditions; | Yes  No |  |
| 3.1.4 | Be portable; | Yes  No |  |
| 3.1.5 | Be deployable in locations with no or limited access to utilities such as electricity or water; | Yes  No |  |
| 3.1.6 | require a generator to power the System as specified in section 3.2 and 3.4, when needed; | Yes  No |  |
| 3.1.7 | Be compatible with current the State of Ukraine’s power and water connectors; | Yes  No |  |
| 3.1.8 | Be easily assembled with a frame; | Yes  No |  |
| 3.1.9 | Have the capability to decontaminate both ambulant and non-ambulant first responders; and | Yes  No |  |
| 3.1.10 | Have the capacity to decontaminate multiple first responders simultaneously. | Yes  No |  |
| **3.2** | **The Generators shall** |  |  |
| 3.2.1 | Be portable; | Yes  No |  |
| 3.2.2 | Be compatible with the Decontamination System; | Yes  No |  |
| 3.2.3 | Be easy to use; and | Yes  No |  |
| 3.2.4 | Supply electrical power. | Yes  No |  |
| **3.3** | **Technical Requirements**  **The System shall meet the following technical requirements** |  |  |
| 3.3.1 | Essential features  The System shall meet the following essential features:  a) Wet decontamination of both ambulant and non-ambulant emergency responders;  b) Complete portability;  c) Stand-alone capability in locations with no access to utilities; and  d) Compatibility with States current power and water delivery systems. | Yes  No |  |
| 3.3.2 | Safety requirements  The System shall meet all applicable safety requirements, such as ANSI/ISEA 113-2013 for flow rates, spray pattern and other performance characteristics to operate this kind of equipment/system in Ukraine. | Yes  No |  |
| 3.3.3 | Ease of construction  The System shall require a maximum 6 emergency responders to erect and operate, although a smaller number of operators or emergency responders required to erect and operate the System is preferable. Examples of good practice are 4 – 6 operators. | Yes  No |  |
| 3.3.4 | Physical dimensions and weight  The outside dimensions of the System’s main structure when packed for transportation and storage should generally not exceed a volume of 2 m3 and the weight should be generally less than 80 kg. | Yes  No |  |
| 3.3.5 | Decontamination Capacity  The System should have the capacity to simultaneously provide decontamination for both ambulant and non-ambulant emergency responders with a minimum throughput of 12 per hour. | Yes  No |  |
| 3.3.6 | Operational Capability  The System shall have a stand-alone operational capability, to allow for deployment in locations where access to lighting and power is unavailable. Additionally, a water heating function shall allow for the operation of the system during cold weather. | Yes  No |  |
| 3.3.7 | Compatibility  The System’s power and water delivery components shall be compatible with the State of Ukraine’s current water supply and power systems allowing for ease of interoperability. | Yes  No |  |
| 3.3.8 | Durability  The System shall be of a robust and rugged construction with appropriate fixtures and fittings to allow for use in remote locations during adverse and inclement weather. | Yes  No |  |
| 3.3.9 | Temperature  The System shall be tolerant to operating temperature changes within the temperature range from –10 to +30 °C. | Yes  No |  |
| 3.4 | The Generators shall meet the following technical requirements |  |  |
| 3.4.1 | The System shall be powered by a portable generator with covered outlets; | Yes  No |  |
| 3.4.2 | The generator shall run on diesel or petrol fuel and suitable for power range (watt) of the System | Yes  No |  |
| 3.4.3 | The generator should have monitors for voltage, hertz and run-time hours; and | Yes  No |  |
| 3.4.4 | Power cables and connectors shall be compatible with Ukraine’s operating systems | Yes  No |  |
| 4 | Marking |  |  |
| 4.1 | The Equipment shall have all safety markings in English language. | Yes  No |  |
| 4.2 | The Equipment shall be clearly marked with designation of the type, model, manufacturer and serial number. | Yes  No |  |
| 5 | Packing  The Equipment shall be packed in accordance with international standards that are applicable for the shipment of this kind of equipment. | Yes  No |  |
| 6 | Quality Requirements |  |  |
| 6.1 | The Equipment shall be manufactured, shipped in accordance with ISO quality assurance system or an equivalent quality assurance system. This quality control system must ensure testing of the system occurs. | Yes  No |  |
| 6.2 | The Contractor shall document the compliance with this quality assurance system. Quality control results obtained by the Contractor shall be attached to each batch of systems delivered to IAEA. | Yes  No |  |
| 7 | Testing and Acceptance  The Equipment, prior to shipment, shall be tested for conformance of the Equipment with manufacturer’s performance specifications and the minimum requirements specified herein. | Yes  No |  |
| 8 | Deliverable Data Items  The Contractor shall provide the documentations specified below, in English language, and if available and requested by the IAEA, in other IAEA languages.  8.1. Two complete sets of operation and servicing manuals.  8.2. Technical specification  Complete description of the Equipment with general technical data, including configuration, its size, its weight, compatibility, reliability and any other relevant information.  8.3. Manuals and Checklists  User manuals, quick use manual, maintenance manuals, as well as Equipment configuration(s). The manufacturer shall provide a quick use manual, a list of recommended spare parts, and a trouble-shooting guide.  8.4. Certificates and legalization.  In order to ensure reliable and safe operation, the Contractor should provide a valid safety certificate and, preferably, a type test certificate of compliance with the relevant national/international standards. The Contractor shall be entirely responsible for providing all documentation/certification necessary to allow legal export and use of the Equipment in Ukraine. This may include, for example, export licenses. | Yes  No |  |
| 9 | After-sale and Maintenance services  The Contractor shall ensure the availability of spare parts and maintenance services for the entire lifetime of the Equipment. | Yes  No |  |
| 10 | Warranty |  |  |
| 10.1 | The Contractor shall provide minimum warranties (on labour and parts) for the Equipment in accordance with the IAEA General Conditions of Contract | Yes  No |  |
| 10.2 | The Contractor shall clearly note the manufacturer’s guarantee conditions, the routine or preventive maintenance required to ensure operation of the Equipment. | Yes  No |  |