

Response to Pre-Bid Queries

S No.	Organization	Section No.	Page No.	Clause as per RPF	Clarification Sought	Pre-Bid Query Response
1	M/s. Maverick Simulation Solutions Limited.	Physical Build	72	Fully articulating limbs; Life-like skin; Weight 125 lbs (40kg) for mobility.	"Should be of realistic weight like an adult. Minimum 60 kg manikin is vastly superior for comprehensive student training. The added weight provides anatomically realistic patient handling and body mechanics, essential for healthcare professionals. Realistic Patient Handling: Emulates the true weight and resistance of an average-build adult patient. This is critical for teaching safe transfer techniques (e.g., bed-to-stretcher) and bariatric or emergency lifting procedures. CPR & Compressions: A heavier manikin provides a much more natural, realistic physical response during CPR compressions, minimizing the ""spring back"" effect common in lightweight trainers. True-to-Life Ergonomics: Enables students to practice proper posture and mechanical advantage when rolling, turning, or repositioning patients, significantly reducing the	Refer Corrigendum 1.

					risk of real-world caregiver injuries. "	
2	M/s. Maverick Simulation Solutions Limited.	Breathing	72	Spontaneous breathing; Bilateral/Unilateral chest rise; etCO2 exhalation; Auscultation (11 sites). Use of SPO2 with regular pulse oximeter, use of regular or actual stethoscope for auscultation	request to make etco2 exhalation optional. Simulated etCo2 is can be visualize on the monitor.	No Change – EtCO ₂ helps assess breathing, confirm correct airway tube placement, and monitor the patient's condition.
3	M/s. Maverick Simulation Solutions Limited.	Circulation	72	Allow Oscillo metric BP measurement, Must have bilateral for Carotid, femoral, brachial, radial, dorsalis pedis, popliteal and posterior tibialis all synchronised with ECG and variable BP strength, Cyanosis display. Must have Tibial IO, Bilateral humeral IO, Both hands IV access ports, bilateral deltoid IM	Please make Bilateral humeral IO optional.	No Change – Humerus IO provides rapid fluid access, making it ideal for adult cardiac arrest and severe hemorrhagic shock scenarios.

4	M/s. Maverick Simulation Solutions Limited.	Weight Limit	72	Unpacked weight must not exceed 125 lbs (40kg).	"Please ammend this as minimum 60 kg. Unrealistic Physics: Moving a 40 kg adult is abnormally easy. Students who only train on lighter manikins may struggle or injure themselves when attempting to physically handle real, full-weight adult patients in hospital or clinical settings. Task Limitation: While 40 kg is suitable for specialized child or adolescent simulators it lacks the physical mass required to faithfully replicate standard adult care scenarios. Critical Care: Managing complex, tetherless patient scenarios that require moving the patient without interrupting medical monitoring lines."	Refer Corrigendum 1
5	DSS Imagetech Pvt. Ltd.	Pre-Qualification Criteria	30	The OEM must have its direct presence in India at least for the past 10 years with service centers for after sales services.	This point is added to keep all other OEM's out from participating the tender, As there is only one manufacturer has direct presence in India. We have installed more than 50 high fidelity simulators at various INI's and reputed private medical colleges. List attached for reference . We request to delete ths point . Bidder experience is already mentioned at point 6 of pre qualification.	Refer Corrigendum 1

6.	DSS Imagetech Pvt. Ltd.	Pre-Qualification Criteria	31	The OEM should have at least 2 certified clinical expert & 2 Technical Engineers in India on their payroll of the company for training and assistance.	Again, this is company specific please replace OEM with bidder	No Change
7.	DSS Imagetech Pvt. Ltd.	Pre-Qualification Criteria	31	ISO 13485 Certified (Medical Device Quality)	Please remove this point as ISO 13485 is required for medical devices being used to treat patients for simulators it is not mandatory	No Change
8.	DSS Imagetech Pvt. Ltd.	Physical Build	72	Fully articulating limbs; Life-like skin; Weight $\leq$ 125 lbs (40kg) for mobility.	Please change 40 kg to 55kg corresponding to the lbs weight mentioned in the specifications	Refer Corrigendum 1
9.	DSS Imagetech Pvt. Ltd.	Airway Mgmt	72	Variable lung compliance & resistance (4 steps); Difficult airway (Tongue edema, Laryngospasm, Trismus); Surgical airway (Cricothyrotomy). Decreased cervical range of motion, airways complication: can't intubate /can ventilate, can't intubate/Can't ventilate	Please remove Trismus	No Change –Trismus simulates life-threatening conditions such as tetanus, facial trauma, and TMJ dislocation, helping learners practice difficult airway management

10	DSS Imagetech Pvt. Ltd.	Circulation	72	Allow Oscillo metric BP measurement, Bilateral for Carotid, femoral, brachial, radial, dorsalis pedis, popliteal and posterior tibialis all synchronised with ECG and variable BP strength, Cyanosis display. Must have Tibial IO, Bilateral humeral IO, Both hands IV access ports, bilateral deltoid IM.	Please remove Tibial IO or allow to supply a separate task trainer for the same	No Change – Tibial IO allows quick, life-saving access when collapsed veins make IV insertion difficult.
11	DSS Imagetech Pvt. Ltd.	Fluids/Output	72	Measurable urine output; Secretion of CSF, blood, tears, Diaphoresis.	Please remove secretion of CSF	No Change – CSF fluid simulation helps learners practice neurological assessment and diagnose and manage nervous system disorders.
12	DSS Imagetech Pvt. Ltd.	Detection	73	Sensors for Head Tilt/Chin Lift and Jaw Thrust	Should be amended as Head Tilt/Chin lift and Jaw thrust feature should be available	No Change – Airway sensors provide objective feedback on airway management, helping learners assess how effectively the airway was opened during training.
13	DSS Imagetech Pvt. Ltd.	Certification Checklist	73	ISO 13485 Certified (Medical Device Quality)	Please remove this point	No Change

14	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	74	Valid CE and ISO 13485 certificates (must be current).	Please remove ISO 13485	No Change
15	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	74	Secretion of CSF, Blood, Tears, Forehead Diaphoresis.	Please remove secretion of CSF	No Change – CSF fluid simulation helps learners practice neurological assessment and diagnose and manage nervous system disorders
16	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	74	Unpacked weight must not exceed 125 lbs (40kg).	Please change 40 kg to 55kg corresponding to the lbs weight mentioned in the specifications	Refer Corrigendum 1.
17	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	74	Tongue edema (2 levels), Laryngospasm, and Trismus.	Please remove 2 levels of Tongue edema and Trismus specs should be amended as Tongue edema, Laryngospasm,	No Change – It helps to recognize a completely blocked airway and quickly use alternative airway techniques before oxygen levels become critical.
18	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	75	Display of 12-Lead ECG, TOF, and Cardiac Output.	Please remove TOF	No Change
19	DSS Imagetech Pvt. Ltd.	Mandatory Compliance & Documentation Checklist	75	ISO 13485, ISO 9001, and CE Conformity	Please remove ISO 13485	No Change

20	M/s ICU Healthcare LLP	Clause 5.17: SLA and Project Penalties	26	Within 10 days of issuance of LOI/LOA	Request to extend the minimum delivery period to 60 days	No Change
21	M/s ICU Healthcare LLP	Clause 5.17: SLA and Project Penalties	27	1% of the value of the hardware for every unresolved incident.	Request to delay penalty to be limited to 0.5% per week	No Change
22	Biomed Instrumentation	Stipulated Delivery Period	26	Within 25 days from the date of issuance of Letter of Award	To amend the delivery clause and revise the delivery timeline to a minimum of 8-10 weeks from the date of LoA.	No Change

Corrigendum-01

NIT No- EdCIL/DES/PSSCIVE Manikin/2026/05

Name: Selection of Service Provider for entering into rate contract Supply, Installation and Commissioning of High Fidelity Simulator Based Manikin for PSSCIVE, Bhopal.

1. Pre-Qualification Criteria

S.No	Pre-Qualification Criteria	Revised Pre- Qualification Criteria
4.	The OEM must have its direct presence in India at least for the past 10 years with service centers for after sales services.	The OEM must have its direct presence in India at least for the past 07 years with service centers for after sales services.

Note: All other pre - qualification criteria remain unchanged

2. Technical Specification

Specification/Parameter	Requirement	Revised Requirement
Physical Build	Fully articulating limbs; Life-like skin; Weight $\leq$ 125 lbs (40kg) for mobility.	Fully articulating limbs; Life-like skin; Weight $\leq$ 135 lbs (~60 kg) for mobility.
Weight Limit	Unpacked weight must not exceed 125 lbs (40kg).	Unpacked weight must not exceed 135 lbs (~60 kg).

Rest all terms & conditions of the tender will remain same.

Sd/-
Chief General Manager (DES)
EdCIL (India) Ltd