



# आईआईटीआई दृष्टि सीपीएस फाउंडेशन, भारतीय प्रौद्योगिकी संस्थान इन्दौर

खंडवा रोड, सिमरोल, इन्दौर - 453 552, मध्य प्रदेश, भारत

## IITI DRISHTI CPS Foundation, Indian Institute of Technology Indore

Khandwa Road, Simrol, Indore - 453 552, Madhya Pradesh, India

CIN: U73100MP2020NPL054322

**Tender no.:** IITI DRISHTI -CPS/EQP/21/HK/2025-26 (GeM Bid No: GEM/2026/B/7146554)

**Date:** 17/02/2026

### PRE-BID REPORT

The meeting for pre-bid discussion was held at IITI DRISHTI CPS Foundation via Google Meet on 02/02/2026 from 11:00 AM onwards for Design, Supply, Installation, Commissioning, Training, and Operation of Clinical Skills & Advanced Procedural Healthcare Simulation Laboratory (CPR, BLS & ACLS, OB/GYN Birthing, Emergency, Clinical & Surgical Skills).

Different prospective bidder representatives joined the call as per below mentioned details:-

- a) M/s. Sawaliya Distributors LLP
- b) M/s. Maverick Simulation Solutions Limited, Delhi
- c) M/s. Techno Med Services
- d) Mr. Pravir Bargal

The report of the meeting is as mentioned below along with queries and responses thereof:

Sl. No.	Reference of the Clause No. of the Tender Document	Query/Clarification/Deviation sought	Clarification/Response from IITI DRISHTI CPS Foundation
<b>M/s. Sawaliya Distributors LLP</b>			
<b>01</b>	<b>Various Types of Injection Trainer</b>		
<b>A</b>	<b>Adult IV Arm</b>		
	g) The trainer should have supination and pronation movement at the elbow.	Hand movement to make IV training	Specification retained. The requirement is essential for ensuring procedural realism during IV cannulation training. Equivalent solutions achieving the same training outcome are acceptable.
	o) The trainer should be supplied with infusion bag / feeding bag for blood reservoir with 500 ml volume.	Infusion bag/feeding bag/blood reservoir also can be used	Specification retained. Infusion bag, feeding bag, or equivalent blood reservoir system achieving realistic flashback and fluid flow is acceptable.
<b>B</b>	<b>Intraosseous Trainer</b>		
	k) The trainer should be supplied with 4 extra tibia bone for infant IO leg	Tibia Bone/ Whole replacement pads with bone, blood	Specification retained. Consumables may be provided as replaceable tibia bones or integrated replacement pads, provided equivalent durability and training realism is ensured.

	i) The trainer should be supplied with 5 extras replaceable io leg skin	Tibia Bone/ Whole replacement pads with bone, blood	Specification retained. Equivalent replaceable skin modules meeting the intended training objective are acceptable.
<b>C</b>	<b>Infant IV arm trainer</b>		
	b) Should have the ability to be pricked at the same spot multiple times without leakage.	(300+ Penetrations)	Specification retained. Requirement is essential for durability and repeated skill practice.
<b>D</b>	<b>Infant IV leg trainer</b>		
	g) The trainer veins should have realistic color visible from under the skin.	Please remove, More Red Color More visibility. NO Clinical prospect on visibility	Specification retained. The requirement is intended to support visual identification during training. Equivalent anatomical realism may be achieved through alternative means.
<b>E</b>	<b>Injection trainer</b>		
	c) Should have ability to easily attach to an arm or thigh, to help teach professional-to-patient communication.	Wearable is some company specific not other company is having this feature, please remove this and add must be create realistic or simulate scenarios for all position to teach Professional to Patient Communication	Trainer may be wearable or securely mountable to support hybrid simulation and professional-to-patient communication training.
	f) Should have the ability to put back the epidermis without any glue to repeat the intradermal injection.	Please add can be place or fixed with trainer, Epidermis should be attached with trainer not coming separate	Specification retained. Epidermis may be integrated, hinged, or fixed to the trainer provided repeated intradermal practice is possible.
	h) Should have strap for hybrid simulation.	Please add Strap or table top placement for better simulation trainer and wider participation, strap is some company specific.	Trainer may be wearable or designed for stable tabletop / mounting use to support hybrid simulation.
<b>F</b>	<b>Adult arterial arm trainer</b>		
	f) The trainer should have the ability to perform the procedure for Allen Test	Please add Allen Test Can be Simulate	Specification retained. The trainer must allow simulation of Allen test or equivalent assessment technique.
	g) The trainer should have flexion and extension movement at the wrist	Company specific Requesting Please remove these points	Specification retained. Joint mobility is essential for procedural realism. Equivalent functional movement is acceptable.
	h) The trainer should have supination and pronation movement at the elbow	Company specific Requesting Please remove these Points	Specification retained. Joint mobility is essential for procedural realism. Equivalent functional movement is acceptable.

	i) The trainer should have flexion and extension movement at the elbow	Company specific Requesting Please remove these points	Specification retained. Joint mobility is essential for procedural realism. Equivalent functional movement is acceptable.
	p) The trainer should be supplied with a carrying case with inbuilt hook	Is hook having clinically significant favor to some company specific item requesting to delete these point	Protective carrying/storage arrangement to be provided. Design specifics may vary.
<b>2</b>	<b>BLS for Adult and pediatric stages of life</b>		
<b>A</b>	<b>Adult CPR Trainer</b>		
	i) The trainer should have replaceable that represent female anatomical features, to provide diverse training scenarios.	No clinically significant, favor to some company specific item requesting to delete these point	This feature is considered optional. Core CPR performance and feedback requirements remain mandatory.
	l) The trainer should weigh approximately 2.5 kg to ensure ease of transport and setup.	9 (4.3KG)	Variations in weight are acceptable provided portability and usability are ensured.
<b>B</b>	<b>Paediatric CPR Trainer</b>		
	c) The trainer should have selectable audible feedback ("clicker") indicating proper chest compression depth, with a neutral option allowing silent evaluation.	Point should be amended to CPR feedback can check by Trainer for proper Training and debriefing for wider participations, this is favor to some company	Objective CPR feedback is mandatory. Feedback may be audible, visual, or electronic, provided compression depth, rate, and recoil are measurable.
	d) The trainer should have an airway system connected from the nose to the lung, providing realistic breathing simulation. Chest rise should only occur if the nose is pinched and the head correctly positioned.	Point should be amended to CPR feedback can check by Trainer for proper Training and debriefing for wider participations, this is favor to some company	Specification to be retained. Airway realism and infection-control features are essential for safe and effective CPR training.
	e) The trainer should have a non-return valve system, ensuring air exits from the back of the head, significantly reducing risk of cross-contamination during multiple-trainee use.	Point should be amended to CPR feedback can check by Trainer for proper Training and debriefing for wider participations, this is favor to some company	Specification to be retained. Airway realism and infection-control features are essential for safe and effective CPR training.
	k) The trainer should be latex-free to avoid allergic reactions.	(1.5 CM)	Specification retained. Latex-free construction is mandatory.
<b>3</b>	<b>Airway Management Trainer</b>		
<b>A</b>	<b>Adult intubation trainer</b>		
	e) The trainer should have ability to restrict the neck flexion	This point Decrease the durability of manikin, amended this point to all maneuver can perform for skill trainings	Specification retained. Trainer must support realistic airway maneuvers. Implementation may vary provided training outcomes are met.

	h) The trainer should have replaceable teeth set, buck teeth, broken teeth etc	This point favor to some company specific This is not creating realistic skill training scenarios, amended this point to teeth made up rubber so that it will create soft or realistic touch	Trainer must allow simulation of difficult airway scenarios. Design implementation may vary.
<b>4</b>	<b>Whole body mannikin</b>		
<b>A</b>	<b>ACLS adult simulator</b>		
	• The simulator should allow IO access on both legs and arms.	NO Significant clinical outcomes of IO on ARM, requesting remove	IO access on lower limbs is mandatory. Additional IO access features, if provided, will be considered as added capability.

- All the correspondence concerning the tender must be directed to IITI DRISHTI CPS Foundation, Indore, through the official channel specified in the tender notice.
- All specifications are outcome-based and intended to ensure clinical realism, competency-based skill development, objective assessment, and durability for institutional training use. Bidders may offer equivalent solutions provided the intended training objectives are met. Compliance may be verified through submitted documentation and technical demonstration, wherever applicable.
- In addition to the above requirement, the following terms needs to be added: If required, the bidders/vendors will be asked for a physical demonstration of the setup and equipment to be delivered. In case, a physical demonstration is not feasible, videos of the equipment with there required function and output need to be submitted.
- All prospective/willing bidders are requested to tack note of the report as pert of the tender document. All other terms and conditions of the tender remain unchanged.

  
**Project Director**  
**IITI DRISHTI CPS Foundation**

