

Government of West Bengal Office of the Director Institute of Post Graduate Medical Education and Research & SSKM Hospital Centre of Excellence 244, AJC Bose Road, Kolkata-700020

Memo No: Inst./ 741

Dated 05/02/24

Notification for Physical Demonstration

Sl. No.	Quotation No.	Name of Item	Name of Technically qualified Bidder
(a)	(b)	(c)	(d)
1	Quotation notice no. Inst./312 dated-13/01/2024	Newborn Airway Management Trainer Manikin	Annapurna Scientific Instruments Co. S. D. Technologies Sleep Vision Hazra Medical Tiasha Enterprise
2	Quotation notice no. Inst./313 dated-13/01/2024	Infant Cardiopulmonary Resuscitation Trainer Manikin	Annapurna Scientific Instruments Co. S. D. Technologies Sleep Vision Hazra Medical Tiasha Enterprise
3	Quotation notice no. Inst./314 dated-13/01/2024	Pediatric Cardiopulmonary Resuscitation Manikin	Annapurna Scientific Instruments Co. S. D. Technologies Sleep Vision Hazra Medical Tiasha Enterprise

Director IPGME&R, Kolkata – 20

O.

[Annexure - I]

Physical Demonstration of Newborn Airway Management Trainer Manikin

Quotation notice no. Inst./312 dated-13/01/2024

Name of Bidder	Specification as per Quotation	Physical Demonstration	Remark
	 a) Positioning the newborn to simulate opening the airway via head tilt, chin lift or jaw thrust b) Positive Pressure Ventilation (BVM, T-Piece resuscitator, or anesthesia bag) c) ET tube intubation d) LMA insertion e) Orogastric tube insertion f) Stomach distension (when ET is misplaced) g) Suctioning (of the nares, nasopharynx, esophagus and the lungs via an ET tube) - Fluids should not be introduced into the airway 		
	h) Meconium module for suction removal		

HOD
Dept. of Pediatric Medicine
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Physical Demonstration of Infant Cardiopulmonary Resuscitation Trainer Manikin

Quotation notice no. Inst./313 dated-13/01/2024

Name of Bidder	Specification as per Quotation	Physical Demonstration	Remark
	a) The 3-month-old Little Baby		
	b) Head-tilt with open/locked airway		
	c) Feedback on hand positioning		
	d) Visible chest-rise on ventilations		
	e) See and feel the baby's ribs		
	f) Landmarks, nipples, breast tip		
	g) Limbs with realistic movement		
	h) Choking training should be possible		
	i) It should teach all the parameters of high-quality CPR as defined by the		
	AHA.		
	j) The software should allow instructors to monitor multiple students		
	simultaneously		
	k) Feedback technology on compression rate, depth, recoil, chest compression		
	fraction, hand placement, and ventilations		1
	Audio crying feedback for choking training		
	m) It should allow for remote training		1
	n) Durable construction with realistic length and weight		
	o) Manikin should have European CE/USFDA Certification		1

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Physical Demonstration of Pediatric Cardiopulmonary Resuscitation Manikin

Quotation notice no. Inst./314 dated-13/01/2024

Name of Bidder	Specification as per Quotation	Physical Demonstration	Remark
	a) An 9 years old upper body torso for CPR training		
	b) Latex free		
	c) The manikin should have –		
	 A soft nose which can be occluded using the nose pinch technique. 		
	ii) Facility for head tilt/chin lift and jaw thrust to open the airway		
	iii) Visible chest rise on effective ventilation and wireless feedback		
	iv) Feedback on ventilation volume, stomach inflation, clicker for chest compression as well as wrong hand position		
	v) A disposable lower airway with an integral one-way valve		
	vi) Wi-Fi connectivity for wireless tablets, smart phones and/or LCD wired feedback providing both student and instructor feedback		
	d) The manikin should give feedback on Chest compression, Release,		
	Compression Rate, Ventilation Volume & wrong hand placement		
	e) It should allow for remote training		
	f) Scoring based on compression & flow fraction to measure progress of student		
	g) Monitoring up to 20 manikins should be possible with the software		
	h) Accessorized with manikin faces, airway, manikin wipes, user guide,		
	Training-mat		

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