

Response To Pre-Bid Queries				
GEM/2023/B/3267811 Dated : 20-03-2023				
Skill Lab Item(Global)				
Tender Para	TENDER SPECIFICATION	REPRESENTATION RECEIVED FROM THE FIRMS	COMMITTEE RECOMMENDATION	JUSTIFICATION
Item No. 1. Pediatric Advance Cardiac life support manikin				
	A. Airway Management			
	Oropharyngeal airway insertion and suctioning	It should read as "Oropharyngeal airway insertion To allow wider participation in the tender.	No Change	Suction should also be there
	Nasopharyngeal airway insertion and suctioning	It should read as Nasopharyngeal airway insertion To allow wider participation in the tender.	No Change	Suction should also be there
	B.Cardiac/Pulse			
	Manually generated carotid pulse	Why manually generated?And why only carotid pulse, Should have all pulses. Bilateral	Should have carotid pulse check	
	3-4 led ECG. With optional patient monitor: 12 lead ECG display image	Why optional patient monitor	No Change	
	C. IV/IO Training			
	Articulating IV arm with replaceable skin and infusible vein system allows peripheral intravenous therapy and site care	Manikin should be supplied with an IV Arm separately To allow wider participation in the tender.	No Change	Since during training skin will perforated because of pricks so it should be replacable.
	F.Patient Monitor			
	The System Must have a CE certificate	Should be CE/BIS/ISO certificate Should include drugs Should include pneumothorax Should include thoracocentesis	Deleted	
2	Adult ACLS Simulator			
	Full-body Adult humanoid model with training suit	Why this training suit?	Full-body Adult realistic model with following features:-	
	CIRCULATION			
	Eyes for pupil assessment Normal – Dilated – Constricted	Should have asynchronous pupil	No Change	
	Radial, brachial (right arm only) and carotid pulses both sides	Should have bilateral pulses all 14 areas	No Change	
	Auscultative Gap, with on/off feature	Please make this optional	Deleted	
	Pressure accuracy +/- 4 mmHg	How will you check this	No Change	
	QCPR	This is a trademark	CardioPulmonary Resuscitation	

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	End Tidal CO2 (etCO2) etCO2 can be presented in percentage, mmHg or kPa with individual selectable wave forms	Percentage of what?	End Tidal CO2 (etCO2) etCO2 can be presented in mmHg or kPa with individual selectable wave forms	
	Patient Monitor			
	The System Must have a CE certificate.	Should have CE/ISO/BIS certificate Should have pneumothorax, Should have pharmacology feature	No change	
Item No. 3. Tracheal Intubation for All Stages of Life				
	A. Infant Airway Management Trainer			
	The Infant Airway Management Trainer should provide the realistic anatomy of a 3-month-old infant for teaching and practicing basic and advanced airway management skills. Following features must be present	Kindly make it neonate to 3 month old	The Infant Airway Management Trainer should provide the realistic anatomy of a infant for teaching and practicing basic and advanced airway management skills. Following features must be present	
	B. Pediatric Intubation Trainer			
	Manually generated carotid pulse	To be deleted To allow wider participation in the tender. Why is manually generated carotid pulse important in an intubation trainer	Should have carotid pulse check	
	Closed chest compressions should be possible	Why is chest compression needed in an intubation trainer	No change	
	The manikin should be supplied with 1 Pediatric Torso Trainer, 1 Can of Manikin Lubricant, 1 Carry Case and <u>Directions for Use</u>	Why is torso required? Pediatric head should suffice	No change	
	Simulated stomach inflation	To be deleted To allow wider participation in the tender.	No change	
	C. Adult Airway Management Trainer			
	Suggestion by bidder	Point to be added Should be electronic type with real time alarm feedback of successful intubation. To be added for wider participation in the tender.	No change	
	It should be an Adult upper torso with Tongue and teeth	Why is whole torso required	No change	
	Right mainstem intubation	Why only right mainstem and why not left	mainstem intubation	
	Should be able to perform Bronchoscopy	Why should it have bronchoscopy? Kindly make it optional	No change	

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	It should be able to provide realistic complications as, laryngospasm, vomiting, and with excessive laryngoscope pressure on teeth will produce and audio signal.	It should be able to provide realistic complications as with excessive laryngoscope pressure on teeth will produce and audio signal. To be added for wider participation in the tender. Why is vomiting important? Please make it optional	No change	during trauma cases while intubating vomiting is important scenario
	It should be able to provide realistic checking for proper tube placement with visual inspection of lung expansion during ventilation, and auscultation of breathing sounds.	It should be able to provide realistic checking for proper tube placement with visual inspection of lung expansion during ventilation. To allow wider participation in the tender.	No change	
	It should be able to establish and maintain an open airway by head tilt, chin lift, neck lift and jaw thrust.	What is neck lift ??	It should be able to establish and maintain an open airway by head tilt, chin lift and jaw thrust	
	It must be able to provide the possibilities for practical training in clearing the obstructed airway by suctioning liquid foreign matter from, oral cavity, oro- or naso pharynx, oro- or naso trachea, via endotracheal tube. Gastric drainage may also be practiced.	Why is gastric drainage included in an intubation trainer?	It must be able to provide the possibilities for practical training in clearing the obstructed airway by suctioning liquid foreign matter from, oral cavity, oro- or naso pharynx, oro- or naso trachea, via endotracheal tube.	
Item 4	Item No. 4. CPR Trainer for All Stages of Life			
	A. Infant Quality CPR			
	Anatomy -			
	Should have nose, eyes, ear canal, articulating mandible to teach the students C-E technique for mask holding.	Why is ear canal important	No change	
	Hygiene			
	3) Must have CE Certificate	Should have CE/BIS/ISO	Should have CE/BIS/ISO	Electric Part
	B. Child Quality CPR			
	Hygiene			
	3) Must Have CE Certificate	Should have CE/BIS/ISO	Should have CE/BIS/ISO	Electric Part
	C. Adult quality CPR Manikin			
	Anatomy			
	Should have nose, eyes, ear canal, articulating mandible to teach the students C-E technique for mask holding.	Should have nose, eyes, articulating mandible to teach the students C-E technique for mask holding. To allow wider participation in the tender.	Should have nose, eyes, articulating mandible to teach the students C-E technique for mask holding.	
	Hygiene-			
	3) Must Have CE Certificate	Should have CE/BIS/ISO	Should have CE/BIS/ISO	Electric Part
Item 12	IM Injection Trainer			

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	Tissues are soft and warm to the touch Versatility	How can the tissue be warm? What is Versatility?	Deleted	
Item 14	Birth Simulator For PPH	We don't have this	No change	
Item 15	MULTIPURPOSE INJECTION TRAINING ARM			
	The Male IV Training Arm Kit should include a full-size right arm with replaceable skin and veins designed for peripheral intravenous therapy.	Why right? Why cannot it be left? How to differentiate between male and female arm? Why this gender discrimination ?	The IV Training Arm Kit should include a full-size right arm with replaceable skin and veins designed for peripheral intravenous therapy.	
	Will articulate to other adult manikins	Why is this point essential, Should be optional	Will articulate to other adult manikins (Optional)	
Item No. 16	.Newborn Manikin			
	Breathing features			
2	Pneumothorax - Needle thoracentesis left mid axillary (pneumothorax)	To be deleted To allow wider participation in the tender.	Pneumothorax - Needle thoracentesis left mid axillary (pneumothorax)- (Optional)	
	Vascular Access			
	IO access in left and right lower leg, tibial tuberosity and medial malleolus	Kindly make it right or left IO access	IO access in left or right lower leg, tibial tuberosity and medial malleolus	
	Added Para:			
	1. All the Manikins should be same manufacturer	This point should be removed to allow wider participation.	Deleted	
		Request you to amend this with "All the Manikins should be the same manufacture/ Different Manufacturer meeting the required specification criteria mentioned in the above cited GeM bid no. Reson-Wider Participation Why is this point included. Only one company Laerdal can meet all the products and specifications. This should be optional		

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		<p>you have mentioned all manikin should be same manufacture which is not possible by any bidder. We as Leader in Simulation and skill lab also has LIMBS & THINGS (Other Manufacture) which supply us some of the manikin for skill lab in India.</p> <p>Here we request you to please change this clause in specification so that everyone can provide their best products for end use</p>		