



National Kidney and Transplant Institute
Special Bids and Awards Committee
 East Avenue, Quezon City 1100
 981-0300 / 981-0400 local 1157
 http://www.nkti.gov.ph

SUPPLEMENTAL BID BULLETIN NO. 21-116-1

Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator, Adult

Bid Reference IB No. 21-116

This Supplemental Bid Bulletin No. 21-116-1 is being issued to clarify, modify and amend items/specifications in the Bidding Documents and to address key issues raised during the Pre-Bid Conference for the aforementioned project, to wit:

Particulars	Changes
Project Title: Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator	Revised Project Title: Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator, Adult
Items on Bid Data Sheet	Revised Items on Bid Data Sheet
Item No. 10 Certificate of Satisfactory Equipment Performance within the last three (3) years from at least two (2) local or domestic clients issued and signed by the Authorized Officer of the Operating Room Department or the Head of Agency except NKTi with letterhead and contact number	Revised Item No. 10 Certificate of Satisfactory Equipment Performance within the last three (3) years from at least two (2) local or domestic clients issued and signed by the Authorized Officer either of the following: a. College or Universities: Dean or its authorized signatory b. Research Facilities: Head of the Agency c. Hospital Department Head or Head of the agency except NKTi with letterhead and contact number
Item No. 12 Certificate of guarantee that the bidder shall conduct in-house applications training by a qualified trainer certified by the Principal or Manufacturer with the machine for Nursing and Medical Staff with issuance of applications training certification	Revised Item No. 12 Certificate of guarantee that the bidder shall conduct in-house applications training by a qualified trainer certified by the Principal or Manufacturer with the machine for Medical and Paramedical Staff with issuance of applications training certification
Item No. 13 Certificate of guarantee issued by the bidder that in case of breakdown and on-going repair, the bidder shall provide a service unit with a similar unit	Revised Item No. 13 DELETED
Item No. 15 Submit Compliant with recent AHA guidelines and ERC guidelines	Revised Item No. 15 Submit Certificate of Compliance with recent American Heart Association (AHA) guidelines or European Resuscitation Council (ERC) guidelines

Item No. 16 Certificate of guarantee that the bidder shall provide demonstration of the same unit offered in the bid within a non-extendable five (5) calendar days upon receipt of notification	Revised Item No. 16 Certificate of guarantee that the bidder shall provide physical demonstration of the same unit offered in the bid within a non-extendable five (5) calendar days upon receipt of notification
Schedule of Requirements	Please see attached Revised Schedule of Requirements
Technical Specifications	Please see attached Revised Technical Specification
Bid Proposal Form	Please see attached Revised Bid Proposal Form

This Supplemental Bid Bulletin including Annexes, if any, shall form part of the Bid Documents. Any provisions in the Bid Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 26TH day of August 2021 in Quezon City.

VIOLETA M. VALDERRAMA, MD
SBAC Chairman

REVISED PROPOSAL FORM

IB No. 21-116: Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator, Adult

Opening of Bids: _____

BAC Conference Room, G/F NKTl Main Building

Item No.	Particulars	QTY/ UOM	Approved Budget Cost		Supplier	BID PROPOSAL		Remarks
			Unit Cost	Total Amount		Unit Cost	Total Amount	
1	MANNEQUIN SIMULATOR, ADULT (Whole Body Training Model, Spinal/Epidural Lumbar Puncture Training Model, Hand Pump Ultrasound Central Line Training Model)	1 set	5,000,000.00	5,000,000.00				
GRAND TOTAL				5,000,000.00				

This Bid Proposal shall be accompanied by cost breakdown of accessories

Printed Name of Company

Date

Signature

Address

Telephone Number

Printed Name and Designation



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Section VII. Technical Specifications

Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator, Adult

Instruction:

Bidders must state in the column provided either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.

Item	Specification	Statement of Compliance
	MANNEQUIN SIMULATOR, ADULT (Whole Body Training Model, Spinal/Epidural Lumbar Puncture Training Model, Hand Pump Ultrasound Central Line Training Model)	
	A. General Description	
	a.1 Eyes/Pupil simulation, Stethoscope simulation kit, defibrillator box, IV Arm, NIBP arm, gender conversion kit	
	a.2 Tablet with app with minimum of ten (10) simulated clinical experience	
	a.3 Wireless Patient Monitor	
	a.4 With Defibrillator box / if without defibrillator box the actual defibrillator machine can be used in the mannequin	
	B. Articulation	
	b.1 Realistic articulation (hips, knee, ankle, shoulder)	
	b.2 Cervical motion for practice of patient stabilization	

	C. Airway	
	c.1 Bag Mask Ventilation	
	c.2 Orotracheal and nasotracheal intubation and placement of airway adjust and supraglottic airway device	
	c.3 Needle of surgical cricothyrotomy and tracheostomy	
	c.4 Stomach distention with esophageal intubation	
	c.5 Laryngospasm	
	D. Breathing	
	d.1 Spontaneous	
	d.2 Bilateral or unilateral chest rise and fall	
	d.3 Upper airway sounds: Stridor and gurgling	
	E. Cardiac	
	e.1 12-Lead dynamic ECG Display	
	e.2 Defibrillator, cardioversion, and pacing using live equipment using external defibrillator box	
	F. Circulation	
	f.1 Unilateral blood pressure measurement by auscultation and palpation	
	f.2 Bilateral carotid and femoral pulses	
	f.3 Unilateral radial and brachial pulses	
	G. CPR	
	g.1 Realistic chest compression depth and resistance	
	g.2 Software can hand placement, rate and depth of compressions, recoil, ventilation: Compression Ration	
	H. Vascular Access	
	h.1 Unilateral IV cannulation, dorsum of hand with or without antecubital	
	I. Sounds	
	i.1 Auscultation of normal and abnormal heart, lung using stethoscope program	

	i.2 Capable of pre-recorded speech and vocal sounds	
	LUMBAR PUNCTURE AND SPINAL EPIDURAL TRAINING MODEL	
	1. Can be positioned in the upright or lateral decubitus position	
	2. Iliac crest, spinous process can be palpated	
	3. Contains the appropriate spinal segment, skin tissue, ligamentum flavum, epidural space, dura, subarachnoid membrane, and subarachnoid space containing cerebral spinal fluid	
	4. Realistic tissue response including the pop encountered when traversing the ligamentum flavum, loss of resistance when entering the epidural space, and cerebral spinal fluid flow when the spinal cistern is accurately accessed	
	5. Should include upper thoracic spine for thoracic epidural	
	6. Durable and self-healing	
	7. All injected fluids are automatically expelled and cerebral spinal fluids that is removed is easily replaced using quick refill ports	
	8. Ultrasound can be used for identification of the optimal insertion ports, angle and depth of needle and with good quality ultrasound imaging characteristic tissues	
	9. Includes two (2) bottles of simulated refill solution; at least 200ml	
	10. With storage case	
	11. Weight: At least 15kg	
	INTERNAL JUGULAR	
	1. Upper torso ultrasound central line mannequin	
	2. Realistic external landmarks and internal anatomy for ultrasound guided or blind insertion technique	
	3. Realistic and durable central venous catheter ultrasound model	
	4. Self-healing tissue offers users tremendous durability – minimizing the need for replacement parts and providing a low cost of ownership	
	5. Venous anatomy includes: internal jugular vein (IJ), brachiocephalic vein, subclavian vein and axillary vein	
	6. Arterial anatomy includes: carotid artery, subclavian artery and axillary artery	

	7. Superior vena cava, right atrium and right ventricle will be fully thread by guidewires and catheters without resistance	
	8. Additional internal landmarks include the trachea, manubrium and clavicle	
	9. Veins are compressible using mild pressure while the arteries remain uncompressed	
	10. Arterial pulsations are simulated using a provided hand bulb or optional integrated automated pumping system	
	11. Positive fluid flow in the vessels; model is prefilled with red fluid in the arteries and blue fluid in the veins	
	12. Easy to refill vessels with ultrasound refill solution using	
	13. Product Weight: at least 12 kg	
	14. Consumables:	
	a. 2 bottles of simulated blood refill solution; one red (arterial), one blue (venous). at least 200 ml bottles	
	b. Soft Storage Case for light transport and storage	

Conforme:

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____



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Section VI.

Revised Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Qty./ UOM	Total	Delivered, Weeks/Months	Place of Delivery
1	<i>Supply, Delivery, Testing and Commissioning of One (1) Set Mannequin Simulator, Adult</i>	1 set		Within Ninety (90) calendar days	NKTI SMD

Standard Payment Terms: Payments shall be made promptly by NKTI, within sixty (60) days from submission of complete documents *i.e.* invoice or claim by the Supplier.

Conforme:

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____