SUPPLY, DELIVERY AND INSTALLATION OF LABORATORY EQUIPMENT FOR COLLEGE OF NURSING

A Manikins Models [per item bid]

Medical Supplies and Apparatus (51 items)

TOTAL ABC

8,330,000.00 504,000.00

8,834,000.00

Manikins Models [per item bid]

8,330,000.00

Α			[per item bid]		8,330,000.00
NO.	QTY	UOM	DESCRIPTION	COST	TOTAL COST
1	1	unit	Heart and Lung Sounds Manikin Full-size, adult torso with palpable anatomic landmarks Material: Silicon, Internal power supply: 230 VAC, 50/60Hz With virtual stethoscope with multiple heart and lung sounds Simulates the various heart and breath sounds Sensor network hidden beneath the skin and stethoscope bell itself With realistic and palpable anatomic landmarks on the manikin to locate the site where a specific sound should be heard Appropriate sound through the stethoscope and/or external speakers	800,000.00	800,000.00
			Blood Pressure Reading Training Manikin		
2	1	unit	*Full-size adult, left arm, manikin *Internal power supply 230 VAC, 50/60Hz *Programmable, palpable radial pulse when cuff pressure is less than the selected systolic blood pressure *Korotkoff sounds K1 through K4 (K5 is silence) audible between systolic and diastolic pressures *Conventional stethoscope to auscultate Korotkoff sounds in the antecubital area *Display and track cuff pressure *Adjustable pulse rate and auscultation gap *Speakers with volume control *With carrying bag and instruction manual, Material: Silicon Pediatric Intravenous and Arterial Access Training Arm	300,000.00	300,000.00
3	1	unit	**Lifelike skin, articulating wrist, latex-free **Internal power supply 230 VAC, 50/60Hz, Material: Silicon **Realistic arterial and venous network, can stand-alone or attached to stand **Adjustable pulse strength and rate (0 - 180 BPM), Palpable radial and brachial pulse **Ulnar, cephalic, cubital, and basilic intravenous access sites cannulation, infusion, and blood draw **Radial and brachial arterial access sites support cannulation and blood sampling/collection **Supports subcutaneous, intramuscular injection **External blood reservoir for continuous fluid supply and vessel pressurization **Easily replaceable veins and arteries **With carrying bag and instruction manual**	400,000.00	400,000.00
			Adult Male Lower Torso		
4	1	unit	 •Male care simulator, full-sized, adult male lower torso (abdomen and pelvis), Internal power supply 230 VAC, 50/60Hz, Material: Silicon •Internal power supply: 230 VAC, 50/60Hz, Material: Silicon • Can demonstrate and practice catheterization exercises, prostate examinations, testicular examinations, no-scalpel vasectomy, and rectal/colon examinations • Internal bladder for catheterization • Interchangeable prostates depicting a moderately enlarged benign prostate, a prostate with two discreet nodules, a prostate with an easily palpable large mass, and a prostate with malignant cancer • Realistic penis and two scrotal sacks. One scrotal sack is normal, and the other contains tumors in each testicle • Rectum and colon containing benign and malignant masses easily visualized using an appropriate endoscope • No-Scalpel Vasectomy kit containing two removable scrotal skins, two testicles, and two long vas assemblies that can be advanced as needed for NSV exercises • With carrying bag and instruction manual 	950,000.00	950,000.00
			Surgical Patient Simulator Manikin		

5	1	unit	Basic OR Patient, Surgical Patient Simulator With Control Tablet PC including 11 scenarios 20" Touchscreen All-in-one Monitor preloaded with Virtual Monitor Licensed Software RF Communications Module Battery charger/Power Supply, (4) abdominal wall inserts Twelve (12) uterine assemblies, four (4) of each type Soft-sided case with rollers With the following specifications: Ruptured Ectopic Pregnancy, Pelvic Mass in Pregnancy, Septic Abortion and Sepsis, Post-Operative Hemorrhage Status/Post-Conization of the Cervix Simulated vital signs, uses selected configuration or create your own configuration to mimic the real monitors Customize alarms, easy to operate and control Reflect simulator's condition during the scenario Share images such as ultrasounds, CT scans, lab results Touchscreen control Monitor can be configured by the instructor to suit the scenario Display up to 10 numeric parameters Select up to 6 dynamic waveforms	2,000,000.00	2,000,000.00
			•I24-week preterm neonate, approx 1.3 pounds		
6	1	unit	With IV bag, stand, and tubing With Filling kit, drainage kit Scalp IV inserts, Squeeze bulb with tubing kit Navel insert, Umbilical cords Replacement left IV arm, Baby blanket Diaper, Mineral oil lubricant, Concentrated blood, Medical tape Airway landmarks include: epiglottis, glottis and vocal cords Realistic chest recoil during CPR Manual Pulses: Brachial, Femoral, Umbilical, and Fontanelle Vascular access via hand, scalp, and umbilicus Supports UVC/UAC sampling and infusion True-to-life lung compliance Visible chest rise following recommended flow, PIP, and PEEP values Support standard positive-pressure ventilation devices: BVM, CPAP, Mechanical Ventilators	1,500,000.00	1,500,000.00
			Female Adult Lower Torso		
7	1	unit	• indult-sized lower torso, Female, Material: Silicon • Internal power supply 230 VAC, 50/60Hz • For gynecological skills • Anteverted uterus, Retroverted uterus • Clear IUD uterus • Pregnant uteri 6-8 week • 6-8 week w/ short ovarian ligaments, 10-12 week, 20 week • (5) Normal patent cervices • (6) Abnormal cervices • Pregnant Cervices • Pregnant Cervices (3) 6-8 week (3) 10-12 week • With Mineral oil • Transport case and instruction manual	800,000.00	800,000.00
			Training Manikin		

8	1	unit	Professional family pack Color: Medium skin As pack (at least): 2 Adult Manikins with CPR Monitors Child Manikin with CPR Monitor Infant Manikins with CPR Monitors Infant Manikins with CPR Monitors O Adult Face Shield Lung Bags Color Infant Face Shield Lung Bags Instruction Sheet Nylon Carrying Case Can perform and practice of Heimlich maneuver and abdominal thrusts, as well as CPR and mouth-to-mouth breathing With realistic anatomical markings (Adam's apple, carotid arteries, navel, rib cage, chest notch) Must be approved for use by American Heart Association for the American Red Cross layperson and professional rescuer training courses Must be corrosion resistant, lightweight, and has high strength Japarts total – 2 removable sections (middle ear eardrum piece with auditory ossicles malleus/incus/stapes and entire internal ear piece with labyrinth of cochlea, semicircular canals, vestibular nerve) for close-up examination Removable pieces held in place by molded cavities for easy removal and replacement	450,000.00	450,000.00
			Episiotomy & Suturing Simulator		
9	1	unit	Weight: Approx. 500g, Internal power supply 230 VAC, 50/60Hz Dimensions: Approx. 20 x 13 x 6 cm Material: Latex-free, silicone-based material Can demonstrate median episiotomy, mediolateral episiotomy, lateral episiotomy, vaginal and labial tears Muscle structures can be palpated and sutured in the perineal area: M. sphincter ani externus (outer anal sphincter muscle), M. transversus perinei superficialis (superficial transverse perineal muscle), M. bulbospongiosus (bulbospongiosus muscle) Must with silicone insert, base and stand, with carrying bag and instruction manual	50,000.00	50,000.00
			Automated External Defibrillator		
10	2	unit	I/Operation Mode Automatic Frequency 50 Hz Voltage 240 V I/With LCD Display showing voice prompt messages, device advisory messages, elapsed time, shock count and chest compression graph display Configurated to display ECG I/With cover, pads, operator's guide and CPR responder's kit	260,000.00	520,000.00
			Electric Hospital Bed		
11	4	unit	*iSize: Approx. 210 x 90 x 60cms Castor Diameter: 125mm Finishing: Epoxy powder coating Frame Material: Mild Steel Number Of Wheels: 4, Knee Rest Tilt (deg. Celsius) Electric Control Functions: Two Functions Back Lift: Electric Control Knee Rest Lifting: Electric Control Head & Foot Panels: Elegant High Quality Moulded Panels-Removable Side Support: 4 sectional moulded safety side panels. Top: Four Sections Framework: Mild Steel Finish: Beautiful Epoxy Powder Coating Castors: 125mm dia twin castors Brakes: Two castors with individual brakes Buffers: Corner buffers absorb impact and reduce damage in handling IV Stand: Provided with heavy duty saline stand with provision for fixing it at four location	140,000.00	560,000.00

B Medical Supplies and Apparatus (51 items)

504,000.00

			Bag Valve Mask (Adult)		
12	1	unit	•¡Manual, Lightweight, translucent bag textured for an enhanced, nonslip grip • Premium, soft cushion, valved mask • Red universal tubing for easy verification of oxygen connection •¡Adult: 1,900 mL bag volume/950-960 mL stroke volume; Small adult: 1,500 mL bag volume/640-660 mL stroke volume • Patient weight: > 40 kg (> 88 lbs.) for both adult and small adult	50,000.00	50,000.00
			Bag Valve Mask (Pediatric)		

13	1	set	• ISmall adult: 1,500 mL bag volume/640-660 mL stroke volume • Manual, Lightweight, translucent bag textured for an enhanced, non-slip grip • Premium, soft cushion, valved mask • Red universal tubing for easy verif+D48ication of oxygen connection • Patient weight: > 40 kg (> 88 lbs.) for both adult and small adult	50,000.00	50,000.00
14	4	unit	Stretcher • Stretcher trolley, standard steel • Stretcher size (cm): Approx.182 (L) x 56 (W) • Size in cm- 210 (L) x 67 (W) x 65/85 (H) • All castor wheels have breaks	20,000.00	80,000.00
15	2	unit	Weighing Scale, Infant • Digital Weighing Scale • Load Capacity: max. 20kgs • On/Tare Function • Memory Function	3,500.00	7,000.00
16	5	unit	Dimensions (L x W x H): Approx.15.50 x 30.00 x 40.00 inches Top Material: Wood Base Material: Steel Features: Tilt, Portable, Heavy-Duty, Adjustable+D51	2,500.00	12,500.00
17	2	unit	Overbed table • Free standing, mobile, over bed / over chair table with a powder coated frame and a laminate table top as standard • Safe Working Load: 25 kg • Table Top Length: 800mm • Base Length: 750mm • Table Top Width: 400mm • Adjustable Height: 500mm-750mm • Total Weight: approx 12 kg	2,500.00	5,000.00
18	1	unit	Mainly made of plastic, aluminum and steel International standard size, ABS top board Top and bottom, double-ply ABS boards ABS drawer with aluminum alloy frame and removable tray Four columns With Sliding side shelf, dust basket, needle disposal holder, IV pole, defibrillator shelf With oxygen tank holder, CPR board, power outlet and hooks, utility container, Centralized lock, stainless steel guard rail	40,000.00	40,000.00
19	2	unit	Metzenbaum scissors, straight Stainless steel Size: approx. 12 cm in length Straight blades Blunt tips With passivated rusting prevention procedure Can be lubricated and dull-polished Metzenbaum scissors, curved	850.00	1,700.00
20	2	unit	Stainless steel Size: 14.5cm in length With passivated rusting prevention procedure Can be lubricated and dull-polished	850.00	1,700.00
21	3	unit	Mayo scissors, straight • Stainless steel, thick shank and thick beveled blades with rounded tips • Size: approx. 15 cm in length • Straight blades • Blunt tips • With passivated rusting prevention procedure • Can be lubricated and dull-polished	850.00	2,550.00
22	6	unit	Kelly hemostatic forceps, curved • Stainless steel • Size: approx. 16.0 cm in length • With passivated rusting prevention procedure • Can be lubricated and dull-polished Kelly hemostatic forceps, straight	700.00	4,200.00

23	6	unit	Stainless steel Size: approx. 16.0 cm in length Straight blades Blunt tips With passivated rusting prevention procedure Can be lubricated and dull-polished	700.00	4,200.00
24	1	unit	Needle holder • Stainless steel, wide cross-serrated tip • Size: approx. 16.0 cm in length • With passivated rusting prevention procedure • Can be lubricated and dull-polished	650.00	650.00
25	3	unit	Stainless steel, serrated flat, wide thumb area, narrow tips with 7 teeth on both sides With passivated rusting prevention procedure Can be lubricated and dull-polished	750.00	2,250.00
26	2	unit	Mayo table • Stainless steel • Foot pedal height control adjusts the height from 38" to 648" • Tip-resistant, weighted flat base easily slides under OR tables • Removable 16" x 21" stainless steel tray can provide for easy clean-up • Stand is mounted on smooth gliding 2" ball bearing swivel casters	1,500.00	3,000.00
27	4	unit	Mosquito forceps, curved Stainless steel, with scissors-like strings, ratchets for secure locking and fully serrated jaws Size: approx. 12.0 cm in length With passivated rusting prevention procedure Can be lubricated and dull-polished	800.00	3,200.00
28	4	unit	Mosquito forceps, straight • Stainless steel, with scissors-like strings, ratchets for secure locking and fully serrated jaws • Size: approx. 12.0 cm in length • With passivated rusting prevention procedure • Can be lubricated and dull-polished	800.00	3,200.00
29	1	unit	Scalpel handle no.3 Non-Magnet Stainless Steel, for scalpel blades Fig 10, 11, 12, 13, 15 Rust free and sterilizable With passivated rusting prevention procedure Left or right hand usage	650.00	650.00
30	1	unit	Scalpel handle no.4 • Non-Magnet Stainless Steel, for scalpel blades Fig 18, 19, 20, 21, 22, 23, 24, 25, 36 • Rust free and sterilizable • With passivated rusting prevention procedure • Left or right hand usage	650.00	650.00
31	2	unit	Skin retractor, various blade size • Stainless steel • Size: approx. 16.0 cm in length, blade width: 16mm • With passivated rusting prevention procedure • Can be lubricated and dull-polished	950.00	1,900.00
32	3	unit	Thumb forceps • Stainless steel, with fine serrations, precision points matching and ridges • Sizes: 13cm, 14cm, 16cm in length • With passivated rusting prevention procedure • Can be lubricated and dull-polished	750.00	2,250.00
33	1	unit	Negatoscope • Size: approx. 450 x 600 x 120 cm • Visual Area: 420x550 • Power: 90W • Adaptor: Global Adaptive Power; AC90V-240V ,50/60Hz • Visual Area: 420x550 • Uniformity ≥90% • Fixture: roller oblique compression type fixture • Installation: Wall mounting, Bracket mounting • Application Scope: General Film,Digital Film,Breast Mammography Film • Application Condition: Room Average Illuminance ≤ 100 lux Vaginal speculum, different sizes	6,500.00	6,500.00

34	3	unit	Material: Austenitic steel (non-quenched, non-magnetic steel) Small (about 15 cm) Medium (about 18 cm) Large (about 20 cm) Double beaked, vaginal speculum self-retaining Austenitic steel composition: 16 - 18% chromium; 10 - 14% nickel; 2 - 3% molybdenum Estimated weight: 0.240kg BP Apparatus	600.00	1,800.00
35	3	unit	Set of Aneroid Sphygmomanometer with stethoscope and wheels Durable adult inflation system Authentic luminous dial face Long lasting thicker rubber bladder	11,000.00	33,000.00
36	2	unit	Laryngoscope • Adult, conventional, set with bulb and battery-operated • • Material: Stainless steel, Color: Silver • Length: 100-160 mm • Handle: Big Handle & Small Handle • Mac Blades Size: No. 0, 1, 2, 3, 4, 5 • 1-Handle, 2-4 Blades, Size -1/2/3/4 • Reusable, Sterilizable • Replaceable screw-in lamps	7,000.00	14,000.00
37	2	unit	Laryngoscope Pedia, conventional, set with bulb and battery-operated Material: Stainless steel, Color: Silver Length: 100-160 mm, Handle: Big Handle & Small Handle Miller Blades Size: 00, 0, 1, 2, 3, 4 1-Handle, 2-4 Blades, Size -1/2/3/4 Reusable, Sterilizable Replaceable screw-in lamps	8,000.00	16,000.00
38	2	unit	Wheelchair • Weight Capacity: 140 kg •Seat Width 16" - 20 •Pop-off rear wheels •Desk-top Length Armrests •Adjustable Backrest •Quick-Release Wheels •Swing-away Detachable Footrests •Ergonomic Comfort Grip Handles •Anti-tippers Material: Leather with Steel	3,500.00	7,000.00
39	5	unit	Thermometer Non-contact infrared thermometer Memory data available Battery operated < 2 secs response time Long standby time	1,000.00	5,000.00
40	1	set	•Material: Aluminum, Handle material: Plastic, 1 pair • Adult size, Adjustable length •E.R.W. Pipe 15.5 mm and 19 x 19 mm, Lightweight, Rust Proof Electroplated or Powder Coated, Cushion •Approved according to UNE EN ISO 11334-I •Removable arm cuff •Crutch at its shortest measures 2' 11" / 89cm (to back of crutch) •Crutch at its longest measures 4' 2" / 126cm (to back of crutch) •Each crutch separates into 3 parts to fit into a suitcase - the longest part is 78cm •Maximum user weight 150kg	871.00	871.00
41	1	unit	Pulse oximeter • Adult • approx. 1.5" double Color OLED display, resolution 160*64 • Spo2 : 35~99% Pulse Ratio : 30~250BPM • Resolution: 1% for SPO2, 1BPM for pulse ratio • Accuracy: ±2% (70%~99%), unspecified (<70%) for SPO2, ±2BPM or±2% (select larger) for pulse ratio • Power: Battery Operated • Can work more than 30 hours continuously Pulse oximeter	1,000.00	1,000.00

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42	1	unit	Pedia with SP02 measuring range: 0% ~99% Pulse rate measuring range:30bpm ~250bpm Power: Battery Operated With oximeter case Heart beat displayed as bar graph or wave form With auditory alarm, heart beat tracking sound Indicator for low power Automatic shut-off for when no finger is detected	2,500.00	2,500.00
			Intravenous (IV) stand		
43	4	unit	IV pole material: Stainless steel Base: High quality medical polymer Adjustable range: up to 2m Can fix the different sizes of infusion bottle concurrently such as 1000ml, 500ml and 250ml Diches about	1,500.00	6,000.00
44	5	unit	Rubber sheet • Material: Soft rubber • Roll length : 5 meter • Washability: With cold water and mild soap Penlight	380.00	1,900.00
45	5	unit	LED Penlights Battery-operated With pupil gauge and a 5cm-ruler With push-button on/off switches with pocket clip Lightweight, convenient, easy to carry	1,200.00	6,000.00
46	8	set	BP apparatus w/ stethoscope •Set of Aneroid Sphygmomanometer with stethoscope •Handy zipper case •Durable adult inflation system •Authentic luminous dial face •Long lasting thicker rubber bladder	1,500.00	12,000.00
47	6	unit	Reflex hammer • Neurological reflex hammer • Material: stainless steel • Size: Approx about 18cm	250.00	1,500.00
48	3	unit	Weighing scale Capacity: 180 kg x 100 g Scale Height: 150 cm Height Rod: 76 to 200 cm - 1/2 cm increments Platform Size: Approx. 27 cm W x 37 cm D Heavy-duty solid stable platform Durable steel construction	17,000.00	51,000.00
			Bathroom weighing scale		
49	4	unit	Manual body weight scale 3-layer stainless steel knock down rack High accuracy Long operational life Easy to use and maintain	750.00	3,000.00
			Suction machine		
50	2	unit	Portable Max. Vacuum Pressure: 0.08Mpa, Max. Air Flow: 25L/min Max. Jar capacity: 1400ml Vacuum Gauge Range 0.00Mpa ~ 0.1Mpa Vacuum Control Range 0.02Mpa ~ 0.08Mpa Power Consumption 130 W, Power Supply: 230VAC Noise Level <50dB(A)	6,000.00	12,000.00
51	3	unit	Nebulizer machine • Size: Approx. 19 cm x 10 cm x 18 cm • Electrical Requirements: 1.4 amps, 230 VAC (±10%) 50 Hz • Sound Level: 58-62 dBA • Power Consumption: 140-160 watts maximum • Maximum Compressor Pressure: 241 kPa • Storage/Transport Temperature Range:40° to +70°C	6,000.00	18,000.00
52	10	unit	• Material: High quality rubber • Thickness: up to 15 mm • High quality, durable	250.00	2,500.00

53	10	unit	20"x12" mesh, box 36"x 100" yrds non sterile (roll) Material: 100% cotton, Highly absorbency, Soft and comfortable. 20"x12" mesh 36"x 100" yrds non sterile (roll) Material: 100% cotton, Highly absorbency, Soft and comfortable.	50.00	500.00
			Gloves		
54	10	unit	Size: Small, non-sterile 100's (box) Latex-free	250.00	2,500.00
			Gloves		
55	10	unit	Size: Medium, non-sterile 100`s (box) Latex-free	250.00	2,500.00
			Gloves		
56	10	unit	Size: Large, non-sterile 100's (box) Latex-free	250.00	2,500.00
			Face Mask		
57	10	unit	Mask disposable 3 ply, ear loop 50's (box) Non-woven fabric, elastic ear loops	150.00	1,500.00
			Gauze swab		
58	10	unit	•Gauze swab, 2"x2" •Sterile 100's (1box) •Material: 100% cotton	50.00	500.00
			Gauze swab		
59	10	unit	•Gauze swab, 3"x3" •Sterile 100's (1box) •Material: 100% cotton	50.00	500.00
			Cotton applicator		
60	10	unit	Sterile 100's (pack), packaged in convenient peel-down pouches Bag is autoclavable with a colored auto claving process marker, turning reddish pink to brown	50.00	500.00
			First Aid Cabinet		
61	15	unit	Plastic Material 28 x 11 x 28 cm Sliding Door Can be Wall-mounted Cabinet style with easy-open hook Comes with transparent plastic door for easy identification of contents Durable, high-quality plastic	401.00	6,015.00
			Sharps Waste Container (1L)		
62	13	unit	•Rectangular shape •Simple to assemble •made of Polypropylene for incineration or alternative treatment •Capacity: 1 L •able to close with a tight-fitting, puncture-resistant lid, without sharps being able to come out; •Upright and stable during use; •has a permanently locking, snap-top lid •leak-resistant; and •properly labeled to warn of hazardous waste inside the container •accessory: hanging bracket	678.00	8,814.00

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