

SUPPLY, DELIVERY AND INSTALLATION OF LABORATORY SUPPLIES AND EQUIPMENT

**Nursing, Midwifery, and Med-Tech Equipment**

Item No.	UOM	PARTICULAR / DESCRIPTION		QTY	UNIT COST	TOTAL COST
1	unit	Eye	*about 9 x 9 x 15 cm; 0.1 kg (3 times Life Size) , 6 parts , *Can be disassembled into the following parts: - Both halves of the sclera with cornea and eye muscle attachments Both halves of the choroid with iris and retina	1	9,000.00	9,000.00
2	unit	Urinary System	*about 10 x 18 x 26 cm: 1kg (Male and female - 3/4 Life Size) * Shows the structures of the retroperitoneal cavity in high detail. The right kidney of the model is opened, * Interior vena cava, renal veins, aorta with its branches, liliacal vessels, ureter, urinary bladder, prostate, adrenal gland, rectum, musculature.	1	14,000.00	14,000.00
3	unit	Suction Machine	*Heavy-duty piston-cylinder system *Whisper-quiet at < 40 dB(A) and robust operation. * Increased performance and faster suctioning: 60l/min flow change On/off foot switch.	2	3,500.00	7,000.00
4	unit	Wheelchair folding	*Type - American type; European type; *Standard Structure - Lightweight aluminum transit wheelchair, *Seat frame system * Fixed armrest and Swing away footrest * Half folding back rest *Seat width: 16 or 18 inch *With attendant brake * Comfortable & durable nylon upholstery with pattern *Max User Weight - 135KGS *Accessory: Aluminum IV stand	2	3,500.00	7,000.00
5	unit	Crutches	* Standard aluminum push-button crutches * Fixed armrest and Swing away foot rest * Built-in metal ring * Youth size fits patients between 4'6" and 5'2" tall(1 unit) *Adult Medium fits patients between 5'2" and 5'10" (2 units) * Adult Tall fits patients between 5'10" and 6'6" (1 unit)	4	800.00	3,200.00
6	unit	Laryngoscope	* Stainless steel * Set of neonate, pediatric, and adult * 4 blades Fiber optic	2	7,500.00	15,000.00
7	unit	Rubber sheet,	* Soft silicon fabric * Hypoallergenic sheet * 90 x 100 x 110 cm * Odorless, Wear Resistant	6	350.00	2,100.00
8	unit	Doppler	Fetal Doppler, waterproof ultrasonic probe; Heart rate LCD display; Backlight, built-in speaker; Audio output can connect recorder; Automatic switch-off; Three FHR modes: real-time, average, manual Battery indication; Sound alarm function when FHR is not the normal range; Dimension: 97 mm W x 37 mm D x 132 mm H; Weight: 0.3kg (including battery)	6	7,300.00	43,800.00
9	unit	BP apparatus w/ stethoscope (1set)	* Aneroid Sphygmomanometer with Stethoscope * Handy zippercase * Durable adult inflation system * Authentic luminous dial face * Long lasting thicker rubber bladder	3	1,300.00	3,900.00
10	unit	Weighing Scale w/ height measurement	* Heavy duty understructure * Die cast beam, and aluminum on black insert, Readable from either side, * Capacity: max: 400 lb x 4 oz (max.: 180 kg x 100 g), * Platform Size: 10-1/2 x 14-1/2 inches (267 x 368 mm), * Height Rod: Measures 30-78 inches (76-198 cm), * Scale height: about 60 inches (1.5 m),	2	3,500.00	7,000.00

11	unit	Otoscope & Ophthalmoscope (1set)	<p><b>*Fibre Optic Otoscope;</b></p> <ul style="list-style-type: none"> <li>• 1 Set of Reusable Tips, • 5x2.5mm Disposable Tips, • 5x4mm Disposable Tips,</li> <li>* Hard case - All-metal housing, matt chrome plated for durability, Instrument head matt black inside</li> <li>* Large scratch-resistant glass viewing window made of multi-coated optical glass with unrivalled 4.2x magnification</li> </ul> <p><b>Ophthalmoscope</b></p> <ul style="list-style-type: none"> <li>• Aspherical optics.</li> <li>* Ergonomical shape to fit the orbita perfectly,</li> <li>• 7 apertures, • 27 focusing lenses,</li> <li>• Rubber brow-rest</li> </ul>	2	5,500.00	11,000.00
12	unit	Kelly pad	<ul style="list-style-type: none"> <li>* Disposable Absorbent Sheet</li> <li>* Rubber OrA Plastic Collection Drape</li> <li>* up to 15 mm thickness</li> </ul>	6	750.00	4,500.00
13	unit	Penlight	<ul style="list-style-type: none"> <li>* Push button activated * Metal construction * bright LED illumination</li> <li>Battery: AAA</li> <li>* Features a pupil gauge imprint on the side.</li> </ul>	4	380.00	1,520.00
14	unit	Reflex Hammer	<ul style="list-style-type: none"> <li>* w/o pin &amp; brush</li> <li>* 7.5 inch chrome handle.</li> <li>* Triangular rubber head</li> </ul>	2	150.00	300.00
15	unit	Gauze	* 20"x12" mesh, 36"x 100" yrds non sterile (roll), Material: 100% cotton. Highly absorbency. Soft and comfortable.	1	700.00	700.00
16	unit	Gauze swab	* 2"x2" sterile 100`s (1box), Material: 100% cotton. Highly absorbency. Soft and comfortable.	1	160.00	160.00
17	unit	Gauze swab	* 3"x3" sterile 100`s (1box), Material: 100% cotton. Highly absorbency. Soft and comfortable.	2	200.00	400.00
18	box	Face Mask	<ul style="list-style-type: none"> <li>* Disposable 3 ply, ear loop 50`s (box),</li> <li>* Nonn-woven fabric, elastic ear loops</li> </ul>	2	50.00	100.00
19	unit	Gloves sterile 50`s (1box)	<ul style="list-style-type: none"> <li>* Gloves sterile 50`s (1box), latex, disposable</li> <li>* Size : 6.5 - 7.5</li> </ul>	1	600.00	600.00
20	unit	Examination gloves	* Non sterile 100`s (box), Latex-Free & Powder-Free, Reducing Type 1 Latex Allergies, Even Molding for extreme comfort, Micro-Textured for Maximizing Grip, Controls Smearing & Smudges	3	150.00	450.00
21	unit	cotton applicator	cotton applicator, sterile 100`s (pack), Sterile applicators are packaged in convenient peel-down pouches, Bag is autoclavable with a colored auto claving process marker, turning reddish pink to brown	2	150.00	300.00
22	unit	Tonque depressor	Tongue depressor, sterile (box), Tongue depressors are useful for spreading ointments and for stirring and mixing medications. Smooth and splinter-free tongue depressors are made of high-quality wood. Tongue Blade, Depressors are latex-free. Nonsterile, Overall Product Weight: 0.58 lbs	2	150.00	300.00
23	unit	Irrigation can w/ rubber tubing set	Irrigation can w/ rubber tubing (set0, Transanal irrigation system for fecal incontinence and constipation. Minimizes the likelihood of involuntary bowel leakage and/or constipation.	1	800.00	800.00
24	unit	Micropore tape 1/2"	Micropore tape 1/2", 1" 3M 24`s (box)	1	400.00	400.00
25	unit	IV cannula	Flexible fixation wings with safety lock. Gauge: 16, 18, 20, 22, 24	5	25.00	125.00
26	unit	IV Tubing set	Microset/Macroset (3 each), Non-Vented, Roller Clamp, 1 Y Injection Site, Rotating Male Luer Lock, PE Poly Pouch Priming volume: 15mL	6	25.00	150.00
27	unit	BP apparatus (set)	<ul style="list-style-type: none"> <li>* aneroid type</li> <li>* standby model w/ wheels,</li> <li>*two-piece stand column adjustable 80-125cm,</li> <li>*mounted with 5pcs castors,</li> <li>*Standard adult 2 tube nylon cuff, 2m spring tube</li> <li>*Measure scope: 0-300mmHg,</li> <li>*Accuracy: +/-3mmHg</li> </ul>	2	4,000.00	8,000.00

28	unit	IV stand stainless	IV Pole - Knob-Lock - 5 Leg Base w/ 4 Hooks, <ul style="list-style-type: none"> <li>• Chrome plated steel pole/knob-lock adjustment,</li> <li>• 5-leg cast aluminum base;</li> <li>≈Base Diameter: 23",</li> <li>*Height Range: 52" - 92",</li> <li>• Detachable ram's horn hooks with plastic tips.</li> <li>• Soft roll, dual wheel casters</li> <li>• at most 45 lbs. load capacity under normal use</li> </ul>	2	2,800.00	5,600.00
29	unit	Electric warm bag	Electric Hot Water Bottle with Gel (No Water required to be filled) Contents : 1 Heating Pouch (approx size 25 cms X 16 cms depending on the shape) 1 Wire for Heating the pouch (length approx 26")	1	200.00	200.00
30	unit	Human Torso	*Hand-painted true to detail and made of high-quality plastic. *Unisex torso model ( open neck and back section going from the cerebellum to the coccyx) *Vertebrae, intervertebral discs, spinal cord, spinal nerves, vertebral arteries, and many other features are represented in detail *Removable parts and organs: 7th thoracic vertebra removable, 6-part head, 2lungs, 2-part heart, Stomach, Liver with gall bladder, 2-part intestinal tract, Front half of kidney, Front half of urinary bladder	2	10,500.00	21,000.00
31	unit	Microscope	*power consumption: X-LED with at least 3.6 W *Focusing: Stage height movement (coaxial course and fine focus mechanism * Coarse adjustment limit stopper * Torque adjustment for coarse adjustment knob *Fine focus (adjustment graduations ≈ 2.5 um *Revolving nosepiece : quadruple revolving rotation on ball bearings *Stage: double layer with mechanical sliding stage (130-150 mm x 130-140 mm) *Accuracy 0.1 mm *Traveling range (X x Y) 75 x 33 mm *One-hand sliding in/out specimen holder *Spectrum position scale *Observation tube Type: binocular *Tube: inclination 30°, rotatable 360° *interpupillary distance adjusting range 48-75 mm *Eyepoint adjustment 350-450 mm * Objectives: Anti-fungus e plan objectives 4x NA: 0.10 WD: 16.8 mm 10x NA 0.25 WD: 5.8 mm 40x NA: 0.65 WD: 0.43 mm 100x NA 1.25 WD: 0.13 mm *Eyepiece: Widefield/ 10x 20 mm *Accessories * Dustcover *eyepiece micrometer/arrow pointer *Rated Voltage: AC 100-240 V; 50-60 Hz,0.4 A *Power consumption: 5 W-7W *Condenser: Abbe NA 1.25 *Abbe condenser sliding in: centrable up-down adjustment by rock and pinion	1	75,000.00	75,000.00
32	unit	Human Skeleton	*Life size *Model is approximately 69 in height and weighs about 18 lbs. Stand with wheels and skeleton dust cover included *First-class natural cast, Manual assembly, Made of durable, washable, unbreakable plastic, *Realistic human skeleton with approx. 200 bones, 3-part mounted skull and individually inserted teeth, *Limbs are quick and easy to remove, *Laminated 22" x 28" Skeletal System Chart	2	10,000.00	20,000.00
33	unit	Dissecting set	Dissecting set for frog 7~s stainless with wax	5	200.00	1,000.00

34	unit	Dissecting set	Dissecting set for frog 7~s plastic	5	180.00	900.00
35	unit	Litmus paper	blue/red 100 sheets (1box)	1	120.00	120.00
36	unit	Glass slides	Plain, unground edges 72's	2	55.00	110.00
37	unit	Digital thermometer	Battery operated	5	300.00	1,500.00
38	unit	Beaker 100ml	<ul style="list-style-type: none"> <li>• made up of borosilicate glass</li> <li>• short type</li> <li>• heat-resistant, with excellent thermal performance and autoclavable</li> <li>• has a white double graduated metric scale and extra-large marking</li> </ul>	10	90.00	900.00
39	unit	Beaker 150ml	<ul style="list-style-type: none"> <li>• made up of borosilicate glass</li> <li>• short type</li> <li>• heat-resistant, with excellent thermal performance and autoclavable</li> <li>• has a white double graduated metric scale and extra-large marking</li> </ul>	10	150.00	1,500.00
40	unit	Beaker 250ml	<ul style="list-style-type: none"> <li>• made up of borosilicate glass</li> <li>• short type</li> <li>• heat-resistant, with excellent thermal performance and autoclavable</li> <li>• has a white double graduated metric scale and extra-large marking</li> </ul>	10	160.00	1,600.00
41	unit	Beaker 500ml	<ul style="list-style-type: none"> <li>• made up of borosilicate glass</li> <li>• short type</li> <li>• heat-resistant, with excellent thermal performance and autoclavable</li> <li>• has a white double graduated metric scale and extra-large marking</li> </ul>	10	250.00	2,500.00
42	unit	Beaker 1000ml	<ul style="list-style-type: none"> <li>• made up of borosilicate glass</li> <li>• short type</li> <li>• heat-resistant, with excellent thermal performance and autoclavable</li> <li>• has a white double graduated metric scale and extra-large marking</li> </ul>	10	450.00	4,500.00
43	unit	Thermal Cycler	<ul style="list-style-type: none"> <li>• Sample Capacity: 96 x 0.2 ml tubes, 0.2 ml tube strips, or 1 x 96-well plate</li> <li>• Maximum ramp rate: 40C/sec</li> <li>• Average ramp rate: 2.5 0C/sec</li> <li>• Temp. range: 0-100 0C</li> <li>• Temp. accuracy: + 0.5 0C</li> <li>• Temp. uniformity: + 0.5 0C</li> <li>• Input power: 100-150 VAC, 50-60 Hz; 220-240 VAC, 50-60 Hz; 700 W maximum</li> <li>• Display: VGA color touch screen</li> <li>• Port: 1 USB A</li> <li>• Fuses: Two 10A, 250 V, 5 X 20 mm</li> <li>• Memory: 500 typical programs onboard; unlimited with USB flash drive expansion</li> <li>• Temp. control modes: calculated and block</li> <li>• Programming options: step-based graphical</li> <li>• PCR volume range: 10 - 100 mL; controllable ramp rate; with pictogram overwrite protection; one-touch with starter kit and reagents, 1 KVA UPS and on-site application training by field application specialist</li> </ul>	1	500,000.00	500,000.00
44	unit	Electrophoresis	<ul style="list-style-type: none"> <li>• Horizontal electrophoresis system</li> <li>• Lid with cables: easy removal and lid cannot be incorrectly positioned</li> <li>• Electrodes: easy to remove and simplify cleaning</li> <li>• With 8- and 15-well combs; 7 x 10 cm (W x L)</li> <li>• UV transparent tray: with fluorescent ruler</li> <li>• Accessories: mini gel caster and the Power Pac Basic Power Supply</li> </ul>	2	100,000.00	200,000.00

45	unit	Imaging System	<ul style="list-style-type: none"> <li>• Image area: 12-15 x 11-13 cm</li> <li>• Excitation source: Trans UV B (302 nm peak)</li> <li>• Detector: Charge-coupled device (CCD) 1.45 MP</li> <li>• Image resolution: 1,392 horizontal x 1,040 vertical pixels; Pixel density: 16bit; motorized F1.2 ultra-transparent lens; white light transmission; Epi-white LED; trans UV: 302 nm wavelength; filter: 590 nm</li> <li>• Illuminations: UV, White, stain-free</li> <li>• Operating system: Windows XP SP3 or higher, Windows 7 (32- or 64 bit)</li> <li>• Image file size: 2-3 MB</li> <li>• Computer interface: USB 2.0</li> <li>• Operating Voltage: 220-240 VAC</li> <li>• Automation: workflow automated execution</li> <li>• Workflow reproducibility: 100% repeatability</li> </ul>	1	1,100,000.00	1,100,000.00
46	unit	Vortex Mixer	<ul style="list-style-type: none"> <li>• Speed range: 0-4, 500 rpm</li> <li>• Operating modes: Continuous operation or touch control</li> <li>• Temperature: 4-65 0C</li> <li>• Dimensions: 12 x 16 x 13 cm (W x D X H)</li> <li>• Regulatory certification: CE compliant</li> <li>• Eccentric - 5.6mm; multitube head</li> <li>• Max. load capacity: 500 gm</li> </ul>	1	55,000.00	55,000.00
47	unit	Ultra Low Freezer	<ul style="list-style-type: none"> <li>• Temperature range: -400 C to -85 0 C or -50 0 C to -86 0 C</li> <li>• Net weight: 200-300 kg</li> <li>• Capacity: 5-12 cu. Ft</li> <li>• Shelves: 3 shelves and stainless steel</li> <li>• Refrigerant: HFC</li> <li>• Alarms: High/low temperature, power failure, filter check, self-diagnostics, door check, remote alarm contact, part replacement notification</li> <li>• Accessories: 1 set of keys, 1 scraper</li> </ul>	1	750,000.00	750,000.00
48	unit	Spectrophotometer (UV-VIS)	<p>Spectrum bandwidth 5nm</p> <p>Wavelength range 190.0 to 1100.0 nm</p> <p>Display wavelength 0.1nm step</p> <p>Selectable wavelength 0.1nm step (1nm step in spectrum mode)</p> <p>Wavelength accuracy ±1.0nm</p> <p>Wavelength repeatability ±0.3nm</p> <p>Scan speed Wavelength change: approximately 6000 nm/min. Scan: approximately 9 to 1600 nm/min.</p> <p>Noise Less than 0.002 Abs, Peak to Peak less than 0.0005 Abs, RMS</p> <p>Light source 20W Halogen lamp (long-life 2000 hours)/ Deuterium lamp (socket type)</p> <p>Monochromator Incorporates aberration-correcting concave blazed holographic grating</p> <p>Detector Silicon photodiode</p> <p>Sample compartment W110.0 x D230.0 x H105.0 mm (partial depth: 155.0 mm) 2 screw port for option accessory installation</p> <p>Display 6 inch LCD (320 x 240 dot) with CFD lighting with contrast adjustment</p> <p>Power supply 220~240 V 50/60 Hz 140 VA</p> <p>Ambient temperature &amp; humidity less than 70% if over 30°C</p> <p>Cuvettes 15 to 35°C/ 30 to 80% Included (2 pcs), glass</p>	1	500,000.00	500,000.00
49	unit	Automatic Pipette (10uL-100uL)	<ul style="list-style-type: none"> <li>• Entirely autoclavable at 121C/250F.</li> <li>• Digital display window for permanent volume visibility</li> <li>• Exceptional, user-friendly ergonomics</li> <li>• Shock, heat, chemicals and UV light resistance</li> <li>• Increment: 1 ul</li> <li>• Single channel</li> <li>• Accessories: Pipette tips with case</li> </ul>	4	15,000.00	60,000.00

50	unit	Automatic Pipette (100uL-1000uL)	<ul style="list-style-type: none"> <li>• Entirely autoclavable at 121C/250F.</li> <li>• Digital display window for permanent volume visibility</li> <li>• Exceptional, user-friendly ergonomics</li> <li>• Shock, heat, chemicals and UV light resistance</li> <li>• Increment: 5 ul</li> <li>• Single channel</li> <li>• Accessories: Pipette tips with case</li> </ul>	4	15,000.00	60,000.00
51	unit	Automatic Pipette (20uL-200uL)	<ul style="list-style-type: none"> <li>• Entirely autoclavable at 121°C/250°F.</li> <li>• Digital display window for permanent volume visibility</li> <li>• Exceptional, user-friendly ergonomics</li> <li>• Shock, heat, chemicals and UV light resistance</li> <li>• Increment: 1 ul</li> <li>• Single channel</li> <li>• Accessories: Pipette tips with case</li> </ul>	4	15,000.00	60,000.00
52	unit	Automatic Pipette (0.5uL-10uL)	<ul style="list-style-type: none"> <li>• Entirely autoclavable at 121°C/250 °F.</li> <li>• Digital display window for permanent volume visibility</li> <li>• Exceptional, user-friendly ergonomics</li> <li>• Shock, heat, chemicals and UV light resistance</li> <li>• Increment: 0.1 ul</li> <li>• Single channel</li> <li>• Accessories: Pipette tips with case</li> </ul>	4	15,000.00	60,000.00
53	unit	Microhematocrit Centrifuge	<ul style="list-style-type: none"> <li>• includes microhematocrit reader</li> <li>• Max. capacity: 30-36 place rotor with replaceable rubber ring and screw down metal lid</li> <li>• Max. speed: 12,000 RPM</li> <li>• Max. RCF: 14800xg</li> <li>• Speed Accuracy: +30 rpm</li> <li>• Dependable mechanical 5-minute timer with bell signal at end of run</li> <li>• Safety switch in latch shuts off motor when lid is lifted</li> <li>• Electric motor braking; easy to clean and disinfect</li> <li>• Indicator light tells when unit is in use</li> <li>• Time setting range: 1 min.-99 min.</li> <li>• Power supply: 220V +22v 50 HZ 5A</li> </ul>	1	40,000.00	40,000.00
54	unit	Reagents Kits (Clinical Chemistry)	<ul style="list-style-type: none"> <li>• 1 box Glucose reagent 200 ml</li> <li>• 1 box Blood Uric Acid reagent 200 ml</li> <li>• 1 box Blood Urea Nitrogen reagent 200 ml</li> <li>• 1 box Triglycerides reagent 200 ml</li> <li>• 1 box SGPT reagent 200 ml</li> <li>• 1 box SGOT reagent 200 m</li> <li>• 1 box Cholesterol reagent 200 ml</li> <li>• 1 box Creatinine reagent 200 ml</li> <li>• *Note: All reagent must include standard and are ready to use liquid reagents; Working Reagent must be stable up to 4 weeks ; Expiration date must be at least 2 years upon delivery.</li> </ul>	7	30,000.00	210,000.00
55	unit	Differential Counter	<ul style="list-style-type: none"> <li>• 8 keys with total window</li> <li>• Counts from 1 to 999</li> <li>• Tally window calculates percent on 100 cell counts</li> <li>• Signal bell at 100 cells counted</li> <li>• WBC maturation series picto-strip</li> <li>• Features convenient dual reset knobs</li> <li>• Heavy duty plastic case is rust-proof and acid- and alkali-resistant</li> <li>• Stable and wide base with rubber feet</li> <li>• Durable, chemical resistant, and easy to clean and disinfect</li> </ul>	5	15,000.00	75,000.00
56	unit	Binocular Microscope	<ul style="list-style-type: none"> <li>*power consumption: X-LED with at least 3.6 W</li> <li>*Focusing: Stage height movement (coaxial coarse and fine focus mechanism</li> <li>* Coarse adjustment limit stopper</li> <li>* Torque adjustment for coarse adjustment knob</li> <li>*Fine focus (adjustment graduations ≈ 2.5 um</li> <li>*Revolving nosepiece : quadruple revolving rotation on ball bearings</li> <li>*Stage: double layer with mechanical sliding stage (130-150 mm x 130-140 mm)</li> </ul>	20	60,000.00	1,200,000.00

			<p>*Accuracy 0.1 mm</p> <p>*Traveling range (X x Y) 75 x 33 mm</p> <p>*One-hand sliding in/out specimen holder</p> <p>*Spectrum position scale</p> <p>*Observation tube Type: binocular</p> <p>*Tube: inclination 30°, rotatable 360°</p> <p>*interpupillary distance adjusting range 48-75 mm</p> <p>*Eyepoint adjustment 350-450 mm</p> <p>* Objectives: Anti-fungus e plan objectives</p> <p>4x NA: 0.10 WD: 16.8 mm</p> <p>10x NA: 0.25 WD: 5.8 mm</p> <p>40x NA: 0.65 WD: 0.43 mm</p> <p>100x NA: 1.25 WD: 0.13 mm</p> <p>*Eyepiece: Widefield/ 10x 20 mm</p> <p>*Accessories</p> <p>* Dustcover</p> <p>*eyepiece micrometer/arrow pointer</p> <p>*Rated Voltage: AC 100-240 V; 50-60 Hz, 0.4 A</p> <p>*Power consumption: 5 W-7W</p> <p>*Condenser: Abbe NA 1.25</p> <p>*Abbe condenser sliding in: centrable up-down adjustment by rock and pinion</p>			
57	unit	Clinical Centrifuge (12-placer)	<ul style="list-style-type: none"> <li>• Maximum Speed: 5,000 rpm</li> <li>• Maximum RCF: 2,500-3,000xg</li> <li>• Capacity: 12 x (10-15 ml)</li> <li>• Speed Set Range: 1,000~5,000 rpm</li> <li>• Speed Set Step: 10 rpm</li> <li>• Rotor Type: 45° angle</li> <li>• Timer Set Range: 1~99 min. and hold position</li> <li>• Timer Set Step: 1 minute</li> <li>• Standard accessory: 10-15 ml tube adapter</li> <li>• Power Supply: 220-240V, 50/60 Hz</li> <li>• With a lid locking system that will prevent the lid from being opened while the rotor is spinning. The program cannot also be started if the lid is open.</li> <li>• Forced fan air convection that prevents the motor from overheating.</li> <li>• LED digital display that will enable users to monitor the present speed value and the remaining time.</li> <li>• Automatic brake system that can offer rapid deceleration.</li> </ul>	2	50,000.00	100,000.00
58	unit	Trinocular Microscope	<p>Head: Trinocular, 30° inclined and rotatable 360°</p> <p>Eyeieces: 10x/20mm FOV</p> <p>Nosepiece: Reversed, quadruple</p> <p>Objectives: Plan Achromat 4x, 10x, 40x, or 4x, 10x, 40x, &amp; 100x Oil</p> <p>Condenser: 1.25 N.A. Condenser</p> <p>Stage: Rackles mechanical stage</p> <p>Focusing: Coarse &amp; Fine</p> <p>Illumination: LED</p> <p>Accessories: Dust cover, immersion oil &amp; instruction manual included</p> <p>Warranty: 5 Years on Mechanical parts</p> <p><b>The brand/model must be at least 7 years in the market</b></p>	2	125,000.00	250,000.00
59	unit	Disarticulated Full Skeleton	<p>*Life size disarticulate male human skeleton. *All</p> <p>bones are cast from real adult specimen.</p> <p>*Includes 23 intervertebral discs *Skull</p> <p>is 3-part, left hand and left foot are on wire</p>	1	55,000.00	55,000.00

60	unit	1/2 Life size Complete Dual Sex Muscle	<ul style="list-style-type: none"> <li>* 33 part</li> <li>*Interchangeable genital inserts and a female mammary gland as well as a detailed multilingual product manual identifying over 600 hand-numbered structures.</li> <li>Hand-painted and mounted on a convenient roller base.</li> <li>Includes: 5 arm/shoulder muscles, 8 leg/hip muscles, 2-part removable heart, 5-part head with removable brain, 2-part removable lungs, 2-part stomach,</li> <li>*Removable 4-part male and 2-part female genital inserts,</li> <li>*Detachable arms, leg, head, and abdominal wall</li> </ul>	1	265,000.00	265,000.00
61	unit	Heart model	<ul style="list-style-type: none"> <li>•Base with at least: 20 x 15 x 17 cm; 1.1kg</li> <li>•Preferrably with the following parts that can be removed from detailed study: Oesophagus, Trachea, Superior vena cava, Aorta, Front heart wall, Upper half of the heart</li> </ul>	1	28,000.00	28,000.00
62	unit	Skin Model	<ul style="list-style-type: none"> <li>•Model shown 80 times magnified</li> <li>•Palm of the hand, Back of the hand, Scalp</li> <li>•With at least 34 x 39 x 15.5 cm; 2.05kg</li> </ul>	1	19,000.00	19,000.00
63	unit	Brain model	<ul style="list-style-type: none"> <li>•Both halves of the brain can be disassembled into: Frontal with parietal lobes, Temporal with occipital lobes, Half of brain stem, Half of cerebellum, Delivered on a removable base</li> <li>•At least 14 x 14 x 17.5 cm; 0.9 kg</li> </ul>	1	19,500.00	19,500.00
64	unit	Classic Brain, 5 part	<ul style="list-style-type: none"> <li>•Midsagittally sectioned model</li> <li>•The components of the brain's half are: Frontal and parietal lobe, Temporal and occipital lobe, Encephalic trunk, Cerebellum, Delivered on removable stand</li> <li>•13 x 14 x 17.5cm; 0.9kg</li> </ul>	1	17,000.00	17,000.00
65	unit	Digestive System, 3 part	<ul style="list-style-type: none"> <li>•Demonstrates the entire digestive system in graphic relief</li> <li>•The following parts are shown, painted in realistic colors: Nose, mouth cavity and pharynx, oesophagus, GI tract, liver with gallbladder, pancreas, spleen, The duodenum, caecum and rectum of the digestive system</li> <li>•Transverse colon and front stomach wall are removable</li> <li>•Liver, stomach, and transverse colon are removable</li> <li>•With the following dimension: 81 x 33 x 10cm, 4.4kg</li> </ul>	1	38,000.00	38,000.00
66	unit	Dual, Sex Urinary System, 6 part	<ul style="list-style-type: none"> <li>• One front kidney is removable; easy to change male insert (bladder and prostate, front and rear half) and female insert (bladder, womb and ovaries, 2 lateral halves)</li> <li>•The following is shown: Structures of peritoneal cavity, Large and small pelvis with bones and muscles, Inferior vena cava, Aorta with its branches including iliac vessels, Upper urinary tract, Rectum, Kidney with adrenal gland</li> <li>•On baseboard, 41 x 31 x 15cm; 2.3 kg</li> </ul>	1	42,000.00	42,000.00
67	unit	Spinal Cord with Nerve Endings	<ul style="list-style-type: none"> <li>•Spinal Cord with nerve endings</li> <li>•Illustrates the composition of the spinal cord with nerve endings</li> <li>•Model is 5 times life size</li> <li>•Spinal cord is formed by a central channel surrounded by "grey matter" with an outer layer of "white matter"</li> <li>•The base is atleast 26 x 19 x 13cm; 0.4 kg</li> </ul>	1	18,000.00	18,000.00




68	unit	IV injection arm	<ul style="list-style-type: none"> <li>•Intravenous, Injection Arm</li> <li>•Highest quality, stan resistant and easy-to-clean silicone</li> <li>•Puncture of peripheral veins for blood sampling (basilic vein, cephalic vein, median vein, dorsal venous rete of hand)</li> <li>•With positioning of a butterfly catheter</li> <li>•With stand, 250ml artificial blood concentrate, 2 replacement tubing systems, infusion bottle, syringes and deluxe storage carton</li> <li>•90 x 40 x 46 cm; 2.5 kg</li> </ul>	1	51,000.00	51,000.00
69	unit	CPR Manikin Adult Troso	<ul style="list-style-type: none"> <li>•CPR Manikin Adult Troso, full-size, realistic landmarks and one piece disposable airways</li> <li>•Prewired for CPRLink for first class BLS program</li> <li>•Disposable airways to practice hygienic mouth-to-mouth ventilation</li> <li>•Fully articulating head, neck, and jaw permitting head-tilt, chin-lift, jaw thrust, and neck extension into a sniffing position</li> <li>•Airway blocked when head is forward. Realistic chest rise during ventilation, Carotid, femoral arterial pulse sites. Femoral venous site. Intramuscular Injection(IM) on the deltoid, quadriceps, and left gluteus medius. Jointed elbows, wrists, knees and ankles. Eyes open and close, one pupil is dilated</li> </ul>	1	74,000.00	74,000.00
70	unit	CPR Mannequin	<ul style="list-style-type: none"> <li>•Cardiopulmonary resuscitation mannequin</li> <li>•Allows practice of: 4-lead ECG monitoring. IV therapy, Umbilical catheterization, Infant airway management, Intraosseus infusion</li> <li>•With IV bags with clamps, synthetic blood, winged infusion sets, syringes, 22 gauge needles, disposable umbilical cords, and clamps, lubricant, intraosseous bone kit with needle, towels, instruction</li> </ul>	1	17,000.00	17,000.00
71	unit	Advanced OB Simulator	<ul style="list-style-type: none"> <li>•Obstetrical Simulator in full size articulating female</li> <li>•Intubatable airway with chest rise. IV arm for meds/fluids.</li> <li>•Removable stomach cover. practice Leopold Maneuvers, multiple fetal heart sounds</li> <li>•Automatic birthing system. Measure head descent and cervical dilation. Multiple placenta locations.</li> <li>*Replaceable dilating cervices. One articulating birthing baby with placenta. One resuscitation baby with intubatable airway and umbilical catheter site</li> </ul>	1	220,000.00	220,000.00
72	unit	Electric Bed	<ul style="list-style-type: none"> <li>•Detachable head/foot board, collapsible guardrails, handle with lock, nurse control panel, integrated stamping frame and mattress base are made of steel epoxy, I.V. Pole &amp; Drainage hook with PU cover, Center control lock, Back, Knee, Hi/Lo, Trendelenburg &amp; Anti-Trendelenburg adjustment by 4 motors</li> <li>•Overall size L2150*W1050*H500-800mm</li> <li>•Mattress size 1950*830mm or 1950*900mm</li> <li>•Adjustable height 500-800mm</li> <li>•Net weight/Gross weight 130KG/135KG</li> <li>•Weight Capacity 250KG</li> </ul>	2	150,000.00	300,000.00
73	unit	Electrocardiogram machine	<ul style="list-style-type: none"> <li>•Low weight and compact size,</li> <li>*Touch screen and touch key for easy operation,</li> <li>*High resolution thermal printer</li> <li>•Recording frequency response <math>\leq</math> 150Hz, 12-lead gathered and amplified simultaneously, 3-channel built-in printer</li> <li>•Automatic mode and manual mode optional</li> <li>•Color TFT touch screen with 640x 480 dot or 480x 272 dot</li> <li>•Built-in rechargeable Li battery with high capacity</li> </ul>	2	35,000.00	70,000.00

74	unit	Infant Incubator	<ul style="list-style-type: none"> <li>•Air mode control, set temperature and air temperature are displayed separately</li> <li>• Natural air flow humidity</li> <li>• Failure alarm indication</li> <li>•RS-232 connector</li> </ul>	2	180,000.00	360,000.00
75	unit	Autoclave machine	•Horizontal bench-top autoclaves (front loading) from 23 to 200 liters chamber volume	3	100,000.00	300,000.00
76	unit	Incubator (Medtech)	<p><b>Performance features</b></p> <ul style="list-style-type: none"> <li>• Temperature range: 5 °C (41 °F) above ambient up to 100 °C (212 °F)</li> <li>• Digital temperature setting with an accuracy of a tenth of a degree</li> <li>• DS controller with integrated timer 0 to 99 h</li> <li>• Independent adjustable temperature safety device class 3.1, providing full protection against chamber over-temperature, with visual alarm</li> <li>• Adjustable ventilation by means of rear exhaust duct, with ventilation flap and front ventilation slide</li> <li>• Inner glass door</li> <li>• Units up to 115 liters (4.1 cu.ft.) are stackable</li> <li>• 2 chrome-plated racks included</li> </ul> <p><b>Exterior dimensions</b></p> <ul style="list-style-type: none"> <li>• Width: 1000-1100 mm</li> <li>• Height (inclusive feet): 800-1000 mm</li> <li>• Depth: 700-800 mm</li> <li>• Plus door handle, l-triangle, exhaust duct: 80-100 mm</li> <li>• Wall clearance rear: 100-120 mm</li> <li>• Wall clearance side: 150-170 mm</li> <li>• Steam space volume: 280-300</li> <li>• Number of doors: 2</li> </ul>	1	200,000.00	200,000.00
77	unit	Ordinary Hospital Bed	<ul style="list-style-type: none"> <li>•Mattress area divided into 2 sections</li> <li>• Detachable ABS head and foot panels provide a soothing look</li> <li>• Saline stand provision on four locations</li> <li>• The complete metal components are pre treated and epoxy powder coated</li> <li>• Crank mechanism for back rest</li> </ul>	2	140,000.00	280,000.00
<b>GRAND TOTAL</b>						<b>7,871,735.00</b>

Prepared by:

**EVANGELINA B. MORA**  
Member, TWG-Supplies and Lab Equipment

**ORLANDO B. DELOS REYES, MEng**  
Chair, TWG-Supplies and Lab Equipment

  
**RENE B. BETONIO**  
Member, TWG-Supplies and Lab Equipment

  
**EVELYN A. DEL MUNDO, PhD**  
End User / Dean, College of Nursing