

<u>PROCURING</u> <u>ENTITY</u>	 KENYA GOOD NEIGHBORS, P.O BOX 76327-00508, NAIROBI KENYA. EMAIL procurement@goodneighbors.ke
<u>TENDER NO:</u>	KGN/OD/ KOICA/MNH/ SKILL LAB EQUIPMENT/2025-017
<u>TENDER NAME</u>	SUPPLY AND DELIVERY OF MEDICAL SKILLS LAB EQUIPMENT TO HEALTH FACILITIES IN KAJIADO COUNTY
<u>CLOSING DATE</u>	FRIDAY 14TH NOVEMBER, 2025
<u>CLOSING TIME</u>	4.00 P.M.
<u>CONTENTS</u> • TENDERING INSTRUCTIONS	

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INTRODUCTION

Good Neighbors is an international, humanitarian, and development NGO in general consultative status with the United Nations Economic and Social Council (UN ECOSOC). Kenya Good Neighbors (“KGN”) was established in Kenya in 1995. KGN implements Community Development Projects (CDP) by supporting the stable and self-sufficient development of the communities through making interventions in education, health, water and sanitation, income generation, advocacy, environment, and emergency relief. KGN is currently operating projects in 9 counties, namely, Nairobi, Kiambu, Embu, Kajiado, Narok, Kisii, Siaya, Marsabit, and Turkana

Kenya Good Neighbors is implementing a four-year maternal newborn health (MNH) project that is geared towards reducing Maternal Mortality Ratio (MMR) and Neonatal Mortality Rate (NMR) in Kajiado County. With financial support from the Korea International Cooperation Agency (KOICA), the project endeavor to attain improved MNH indices through health system strengthening in four sub-counties (East, West, South, and Central) of Kajiado County from 2023 to 2026. The main outcome entail: (1) Increasing the number of expectant women who attain at-least four ANC visits (ANC4), (2) Improving the percentage of births assisted by a Skilled Birth Attendants (SBA), (3) Enhancing percentage of women with a live birth who receive a Post Natal Care during the first 48hrs after giving birth (PNC1).

The project aims to scale up the uptake and quality of Maternal and Newborn Health (MNH) services by strengthening the capacity of healthcare providers. To achieve this, the purchase of skill lab equipment is essential to facilitate practical, hands-on training for health workers. The equipment will enable simulation-based learning, allowing trainees to practice and refine critical life-saving skills such as emergency obstetric and newborn care and safe delivery techniques.

ITEMS DESCRIPTION

1. Item description

No.	Items	Quality Specification	Quantity
1	Airway Head (Adult)	Manufacturer: Laerdal Product Name: Laerdal Model: 25000033 Size: Length 68.6 cm (27 in), Width 38 cm (15 in), Height 26.7 cm (10.5 in) Weight: 10.87 kg (24 lbs) Included items: Adult airway head mounted on a sturdy board Laerdal Medical Airway Demonstration Model (life-size) Cleaning kit, lubricant, carry case, directions for use * Dark Skin tone	4
2	Baby Anne	Manufacturer: Laerdal Product Name: Laerdal Baby Anne with dark skin Manikin Type: Baby (infant CPR trainer) Connectivity: None Weight: 2.1 kg Warranty: 1 year Includes 1 x Baby Anne Soft Pack carrying case 6 airways 10 "airway plugs"	4

		Instructions for use	
3	NeoNatalie	Manufacturer: Laerdal Product Name: Laerdal MamaNatalie Birthing Simulator Complete Dark Skin Contains: MamaNatalie Birthing Simulator (1) Placenta w/umbilical cord (1) Blood concentrate (2) Pair of gloves (normal) (1) Pair of gloves (long) (1) Fetal stethoscope (1) Fluid collection tray (1) Fluid drain (1) Floor protection (1) Urine catheter (1) 20 ml syringe (1) NeoNatalie Newborn Simulator (dark complexion) (1) NeoNatalie skull w/ fontanelles (dark complexion) (1) Backpack for MamaNatalie (1) Simulation squeeze bulbs for simulation of birth cries, spontaneous breathing, palpable umbilical pulse and auscultation of heart sounds (1) External umbilical cord (1) Umbilical ties (2) Sheets to simulate towels (2) Head cap (1) Transport bag for NeoNatalie (1) Directions for use (1) Features: MamaNatalie Features Deliveries and drills (normal, assisted, breech, and PPH) Delivery of the placenta Cervix landmark Urine bladder catheterization Uterine massage (atonic and contracted uterus) Controllable uterine firmness Realistic bleeding Bimanual compression NeoNatalie Features Oxygen delivery Suctioning techniques Positive pressure ventilation Spontaneous chest rise and fall CPR features (Anatomical landmarks, Ventilation with bag-valve mask, Closed chest compressions, Auscultate heart sounds) Manual umbilical pulse Dimensions: MamaNatalie Birthing Simulator Length: 48 cm / 18.9 in Width: 35 cm / 13.78 in Height: 26 cm / 10.24 in Weight: 2.23 kg / 4.92 lbs Carry Bag Length: 57 cm / 22.44 in	4

		Width: 37 cm / 14.57 in Height: 28 cm / 11.02 in	
4	Infant Warmer	Features: Radiant heating: heating element positioned above the baby to provide warmth without enclosing them, allowing quick access for procedures. Temperature control: A microprocessor-controlled system offering different settings, such as pre-warm, manual, or servo mode (automatic), to maintain a consistent temperature. Skin and air temperature monitoring: Sensors monitor the baby's temperature, and the system automatically adjusts the heat output to keep it stable. Resuscitation Features: Integrated features such as CPAP Attachments, oxygen delivery systems and suction. APGAR timer: A timer is included to assist with the APGAR score. Alarms: Auditory and visual alarms notify staff of issues like temperature deviations or other critical events. Overheat protection: Systems designed to prevent the baby from overheating. Integrated weighing scale: a built-in scale for easy and accurate weight monitoring without needing to move the baby. Mobility: Lockable casters allow the unit to be easily moved within the ward. Adjustable height: Motorized or manual height adjustment Storage: Integrated trays, shelves, and drawers provide convenient storage for necessary medical supplies and equipment. Procedure light: An adjustable light to provide focused illumination for procedures.	4
5	Bag and Mask	Manufacturer: Laerdal Product Name: The BAG II Resuscitator Adult w/mask #4 pkg of 12 Contains: Adult Bag II Resuscitator (12) Size #4 Adult Mask (12) Universal Stra-Lumen Oxygen Tubing (12) Oxygen Reservoir Bag (12) User Guide (1)	4
6	Boney Pelvis with Fetal Skull	Manufacturer: 3B Scientific The childbirth demonstration pelvis simulator consists of: - A female pelvic skeleton with a movable symphysis, hip bone, sacrum, coccyx and 2 lumbar vertebrae articulated to accommodate passage of a fetal skull mounted on an omni positioning flexible gooseneck support. - A realistic anatomical replica of the childbirth process. - Childbirth pelvis delivered on baseboard. Additional Features: 1. Freely rotate your digital model and zoom in and out 2. Display hotspots and their anatomical structures 3. Augmented Reality (AR) feature starts your virtual anatomy model 4. Anatomy Quiz function to test and improve your anatomical knowledge with instant results and final score evaluation 5. Drawing function that allows image customization with save and share function 6. Useful Notes function to help you with your personal learning 7. Possibility to learn both male and female anatomy 8. Easy access to 3D content both online and offline 9. Available in 11 languages	2
7	Breast Feeding Simulator (Wearable)	Manufacturer: Laerdal Product Name: MamaBreast Breastfeeding Simulator (1)	2

		Contains: 30 ml cup (1) Directions for Use (1)	
8	Bulb Sucker	For aspiration and irrigation Latex-free 60 ml volume	8
9	Bag Valve Mask (BVM)	Manufacturer: Laerdal Model No.: 87005233	4
10	Calibrated Blood Loss Drapes	Features: Collection area / drape size: Must provide sufficient surface under the woman (or delivery table) so all blood is captured into the pouch. At least 100 × 80 cm surface area. Material: low-density polyethylene (LDPE) or similar, designed to be rigid enough to hold shape (no pooling sideways) and latex/DEHP free. Graduated collection pouch / bag: A transparent pouch that collects blood (and other fluids) marked with graduated volume intervals so you can read the volume of blood loss. Capacity: Pouch should have capacity for large volumes (≥ 2000-2500 mL) to cover more extensive blood losses. Straps / fixation: The drape should have mechanism (e.g., waist straps) to affix it around the patient so it stays in place during delivery/third stage. Ease of use: Quick to unfold, place, set up without interfering with delivery; material should not cling. Re-Usable drapes to allow for continuous training. Visual trigger thresholds: Markings or indicators at clinically-important volumes (e.g., 300 mL, 500 mL) so that care-providers can know when to escalate. Storage / shelf life / environmental durability: Should have long shelf life (e.g., 3 years) and work in varying climates (hot/humid) given many low-resource settings	10
11	Cardiff Wedge	Features: Angle of inclination: The wedge should produce a left lateral tilt in the range of ~25°–30° (27° is often cited) to sufficiently relieve aortocaval compression without compromising quality of chest compressions. Firm, stable surface: The device must be rigid enough so that when chest compressions are applied, the women back don't "sink" and performance of CPR is not compromised. Right-side placement beneath buttock/hip Dimensions and footprint: Large enough to support the pelvis and torso of a pregnant woman in labour bed/operating table. Material & cleaning: Should be made of easily cleaned durable material. Portable. Markings or references (angle marking, tilt level) for ease of learning. Re-usable multiple times	4
12	Central Line Task Trainer	Manufacturer: Limbs and Things Features: 2 CVC placement pads 1 transparent anatomical block Blue and red fluid confirms successful and unsuccessful needle placement Realism: Lifelike needle tip resistance Excellent image quality Palpable landmarks and carotid arterial pulsation Ultra sound compatible	2

		* Dark Skin tone	
13	Cervical Model for Repair	Features: Realistic platinum silicone construction with detailed vaginal and cervical anatomy Supports McDonald and rescue cerclage training Clamp-able base with flexible tissue response Includes four cervical plugs, including advanced dilatation Durable, reusable, and wipe-clean Self-healing material to allow for multiple uses * Dark Skin tone	2
14	CPAP Machine	Features: Pressure range: Typically, between 4 and 20 cm Sound level: Under 30 dBA at a pressure of 10 hPa. Ramp time: A feature that allows the pressure to start low and gradually increase, with settings that may include 15, 30, or 45 minutes. Humidification: integrated or optional humidification, which may include adjustable heating and humidity levels. Weight: A non-humidified unit should weigh under 1.5 kg, while a unit with an integral humidifier should weigh less than 2.0 kg (without water). Dimensions: The sum of the three dimensions (width, depth, height) should be no greater than 48 cm. Electrical requirements: The machine should be compatible with standard electrical outlets, usually 100-240 V, 50/60 Hz. Tubing: Must be supplied with 1.8m flexible tubing that fits with standard 15mm or 22mm connections.	2
15	Female Catheterization Model	Features: Materials: Made from realistic materials to mimic human tissue (silicone). Anatomy: Includes a realistic representation of the female urethra, vulva, and bladder for accurate practice. Fluid system: fluid circulation system to simulate urine flow, allowing for realistic practice and repeat sessions. Durability: Built to withstand repeated use in training and practice scenarios. Portable and compatible with standard catheters Provide lubricant and carrying case * Dark Skin tone	4
16	Glucometer	Product Name: On Call Plus Glucometer Features: 50 Oncall Plus Test Strips Lancing Device 100 Lancets	4
17	Infusion Pump	UniFusion VP50 Infusion Pump Accuracy: $\pm 5\%$; Mode: 4 modes; IV set: Universal; Classification: Class I; Certificates: CE, ISO13485, NMPA; Language: More than 10 languages selectable;	1
18	IO Cannulation Trainer (Adult)	Manufacturer: Simulab Features: 1. Realistic anatomy: Includes palpable landmarks to guide correct needle placement.	2

		2. Realistic resistance: Simulated bone and marrow provide a lifelike feel when the needle penetrates the cortex and enters the medullary cavity. 3. Simulated marrow: The model allows for aspiration of simulated blood or fluids to confirm correct needle placement and technique. 4. Replaceable parts: easily replaceable modules and simulated bone marrow to allow for repeated use. 5. Durable and reusable: Designed for frequent use in educational and training settings. 6. Versatile use: Can be used as a stand-alone trainer or articulated with a larger adult manikin. 7. Stable design: Stays stable on a flat surface during use.	
19	IO Cannulation Trainer (Pediatric)	Manufacturer: Simulab Features: Anatomical landmarks of proximal tibia (or appropriate long bone for children) Realistic penetration resistance (skin → tissue → bone → medullary cavity) Flashback/aspiration of simulated “marrow blood” or fluid once correct placement achieved Replaceable insert/consumable (skin, bone cartridge, fluid system) Ability to infuse fluid (or at least hold fluid) through the IO route Durable for many training cycles – self healing properties to allow multiple injections Multiple IO access sites Ultrasound Compatibility	2
20	IV Line Insertion Trainer (Pediatric)	Manufacturer: Limbs and Things Product Name: Newborn IV and Arterial Access Training Arm Lifelike skin provides a realistic look and feel Realistic arterial and venous network Palpable radial and brachial pulse Adjustable pulse strength and rate (0 - 180 BPM) Ulnar and cubital venous access sites support cannulation, infusion, bolus injection, blood draw/collection Radial and brachial arterial access sites support cannulation and blood sampling/collection External blood reservoir for continuous fluid supply and vessel pressurization and observe flashback Easily replaceable veins and arteries Articulating wrist allowing palmar flexion Use as a stand-alone or attached to stand Allows transillumination for vein access Latex-Free	2
21	IV Line Insertion Trainer (Adult)	Manufacturer: Laerdal Features: Lifelike adult male arm reproduction in brown skin tone with multi-vein system designed for peripheral intravenous therapy. Venipuncture possible in the antecubital area or dorsum of the hand Accessible veins include the median, basilic and cephalic Articulates to adult male manikins	2
22	Kiwi Vacuum Delivery System	Manufacturer: SciMed Scientific Equipment Features: PalmPump™ Technology puts complete control in the hands of a single operator Traction Force Indicator measures the force exerted during traction Flexible Stem enables the cup to be placed over the flexion point no matter the position of the fetal head Re-usable to allow for multiple training sessions Low Cup Profile for ease of insertion	8

23	Perineal Repair Trainer	Manufacturer: Simulab Features: Dark Toned Manikin All layers can be sutured repeatedly Durable and long-lasting un-incised block Illustration pack representing each degree of perineal trauma to aid identification of key landmarks and internal anatomy Skin surface is washable using soap & water Product is latex free Anatomy: Hymenal remnants Vaginal mucosa Perineal muscles External anal sphincter Internal anal sphincter Anal mucosa Pararectal fat Includes: LIM-61108 Un-incised Perineal Repair Block (x2) – Dark Toned LIM-61109 Perineal Repair Stand with Clamps – Dark Toned LIM-61110 Perineal Repair Block Loading Frame LIM-61112 Perineal Repair Illustration Pack – Dark Toned Perineal Repair Block Loading Frame Water-based lubricant	2
24	Laryngoscope (All sizes)	5 Blade laryngoscope - to cater to the different patient sizes	2
25	Laryngoscope Blades 0, 1 Straight	Laryngoscope blades miller - Sizes 0 and 1	2
26	Light Meters	Product Name: Giraffe PT Light Meters Model Number: JB00796AFG	2
27	Little Anne (CPR torso)	Manufacturer: Laerdal Airway features Realistic chest rise and fall Jaw thrust maneuver (movable jaw) Airway closes when neck is underextended Nasal passages open for nose pinch CPR Anatomical landmarks Mouth-to-Mouth ventilations Compression measurement and feedback Ventilation measurement and feedback Chest compression Head tilt/chin lift maneuver Ventilations with visible chest rise Bag valve mask ventilations Simulation administration SkillGuide connectivity Mobile application connectivity Bluetooth Low Energy (BLE) operation Gender, age, size Adult Female Torso	4

28	Lucy and Lucy's Mum Birthing Simulator Trainer	Manufacturer: Model-med Features: Realistic – use material that induces realism for effective training Accurate fetal and maternal anatomy: The mother's pelvic floor is high for a realistic experience, and the fetal head is shaped to have accurately placed fontanelles that are easy to feel. Water based lubricant – as it requires a water-based lubricant to operate, there should be sufficient packs of the lubricant to support multiple training sessions. Durable and easy to maintain: should be easily washable post training, and provide a warranty of at least 2 years. * Dark Skin tone	2
29	Mama Natalie	Manufacturer: Laerdal Features: MamaNatalie Complete(Dark) MamaNatalie Birthing Simulator, Placenta with Umbilical Cord, Blood Concentrate, Pairs of Gloves (1 Normal & 1 Long), Fetal Stethoscope, Fluid Collection Tray Fluid Drain, Floor Protection, 20mL Syringe, NeoNatalie Newborn Simulator (Dark Complexion), NeoNatalie Skull with Fontanelles (Dark Complexion) Backpack for MamaNatalie, Simulation Squeeze Bubs, External Umbilical Cord & 2 Umbilical Ties, 2 Sheets, Head Cap, Transport Bag for NeoNatalie; Directions for Use	4
30	Mama U Postpartum Uterus Trainer	Manufacturer: Laerdal Features: Model has all relevant anatomical features: fundus, cervix, and perineum along with the possibility to extend the uterus (relevant for insertion of postpartum IUD). The uterine angle can be changed by applying pressure to the model. It is possible to practice “blinded” placements and lift the cover of the uterus to evaluate placement. Visual access of the uterine cavity and adjustable vagino-uterine angle. Specifications Product size (L x W x H) [cm]: 0,340×0,180×0,100 Product weight (kg): 1 Operating temperature [°C]: +15° to +40° Storage temperature [°C]: 20° Relative Humidity: 5-95% Materials: Neoprene, PUR Polyether, POM, Nylon, Polyseter, PVC, Latex, Stainless Steel	4
31	Mechanical Ventilator	Features: Ventilator unit, Necessary tubing A patient interface such as a breathing tube or mask Offer a range of modes and settings to adapt to diverse patient needs *** Provide quotes for all available optional add-ons	1

32	Megacode Kelly (Basic/Advanced/+Simstart Plus)	Manufacturer: Laerdal Features: A full-body manikin (Dark Skin Toned). Allows cardiac defibrillation, pacing and ECG interpretation of an extensive library of rhythm variations. Specifications: Airway features Blood pressure / pulses Circulation Circulatory skills and IV drug administration CPR Catheterization Extrication / Immobilization Wounds / Trauma	4
33	Model of the Larynx	Manufacturer: 3B Scientific Features: Anatomical accuracy: Detailed cartilages (thyroid, cricoid, arytenoid), epiglottis, vocal cords (true & false), glottis, subglottic space, tracheal rings where relevant. Detachable or sectioned parts: Allows learners to remove or open parts to see internal structures (e.g., vocal cords, muscles, ligaments) Durable material & mounted base: For repeated use in labs, a model should be made from durable material (PVC, resin) and come mounted on a stable base for display/training. Size appropriate to training environment: Life sized or enlarged version Colour-coding / labelled features: To help instructors point out different structures easily (e.g., cartilages vs muscles vs ligaments). Functional/movable components: For example, the glottis opening/closing, movement of vocal cords or epiglottis.	2
34	Non-pneumatic Anti-Shock Garment (NASG)	Manufacturer: Blue Fuzion Features Construction: Made of durable neoprene and Velcro, making it lightweight, reusable, and easy to clean. Segments: Consists of five articulated segments that can be wrapped around the legs, pelvis, and abdomen. Compression ball: Includes a foam ball placed over the navel to provide additional compression to the abdomen and uterus. Mechanism: Applies circumferential pressure to the lower body, which redirects blood flow from the lower extremities and pelvis to the vital organs, increasing blood pressure and cardiac output. Portability: Lightweight and portable Reusability: Can be washed and reused multiple times	4
35	Oxygen Concentrator	Features Portable oxygen concentrator - light weight and portable with adjustable flow settings flow rate 1-20L/min ➤ Weight and compact design: does not exceed 15kg ➤ Adjustable flow settings	1

36	Oxygen Cylinder	Features: - High-Purity Medical Oxygen - Contains oxygen with at least 99.5% purity, suitable for inhalation. - Cylinder Material - Typically made from aluminium or high-strength steel – corrosion resistant. - Pressure Rating - Cylinders are filled at high pressure, typically 2,000 to 3,000 psi (pounds per square inch) (Pressure varies by cylinder size and design). - Valve & Regulator - Equipped with a valve to control gas flow and a regulator to reduce high pressure to a usable level. Flow meters allow precise delivery rates (e.g., 1–15 liters per minute). - Cylinder Sizes - Hospital/clinical sizes: G (6,800 L), H/K (7,800–8,600 L) - Color Coding and Labeling - Cylinders are colour coded as per Kenyan policies. Clearly labeled as “Medical Oxygen” with purity, volume, and expiry details. - Safety Features - Equipped with burst discs or pressure relief valves to prevent explosions from overpressure. Cylinders must meet safety and regulatory standards (e.g., FDA, ISO, CE, DOT). - Refillable – cylinders must be refillable - Compatibility with Oxygen Delivery Devices - Connects to nasal cannulas, oxygen masks, ventilators, or CPAP/BiPAP machines depending on the patient’s needs	1
37	Oxygen Splitter	Features: Oxygen flow splitters provides oxygen for up to four patients per flow meter station from a single oxygen source. For pediatric to adult use in hospital, clinics, emergency shelters, and incident facilities. Can easily connect multiple flow stations together, resulting in the lowest oxygen cost per patient. Use ideally up to – 50 psig (345 kPa) O ₂ source. Flow meters: Low flow meters can be used from 1/8 to 2 LPM with 1/8 LPM increments with back lines for proper viewing angle. Flow meter Accuracy: +- 5% of scale Input Pressure: 7-50 psig (48-345 kPa)	1
38	PartoPants	Features: Stretchy vagina for the birth of a baby and placenta Rectum for administration of haemorrhage medications Urethra for catheterization Supra-pubis	1
39	Pelvic Model	Features: Three-part model representing an original cast of a bony female pelvis. Shows all parts of the anatomic structure: Two hip bones, the pubic symphysis, the sacrum and the coccyx, the fifth lumbar vertebra with intervertebral disc.	1
40	Penguin Sucker	Features: Suction strength: Depending on hand size and technique, peak suction achieved may be in the range of 50 - 150 mmHg (70-200 cm H ₂ O). Typically 100 mm Hg [136 cm H ₂ O]. Material: Silicone Size: 13.3 x 5.22 x 4.95 cm Weight: 0.058 kg Fluid capacity: 75 ml Does not contain latex	2

41	ResusciAnne	Manufacturer: Laerdal Features: Full Body Manikin with Rechargeable battery (1) Trolley bag (1) 50kg Compression Spring Installed (1) 2 extra compression springs (30kg and 60kg) (1) Training Pads multi (1) Manikin Wipes (4) Important Product Information (1) User Guide (1) USB A-C (1) AC Power Adapter USB 2A (1) Specifications: Resusci Anne QCPR full body manikin Length: 157 cm / 61.8 in Width: 52 cm / 20.5 in Height: 25 cm / 9.8 in Weight: 24 kg / 53 lbs Trolley Bag Length: 97 cm / 38.2 in Width: 52 cm / 20.5 in Height: 29 cm / 11.4 in Weight: 8.5 kg / 18.7 lbs Battery Information: Li-ion (Lithium Ion), 2 cells. Pre-installed * Dark Skin tone	4
42	SimMom	Manufacturer: Laerdal Features: Can Support the simulation of Deliveries & drills • Normal delivery • Breech presentation • Assisted deliveries using Forceps or Vacuum • Shoulder dystocia • Cord prolapse • Eclampsia & pre-eclampsia • Maternal collapse • Post Partum Hemorrhage • Sepsis • Uterine inversion • Ruptured uterus Pelvic components • Atonic uterus modules (for PPH, uterine inversion and retained placenta) • Fluids (e.g. blood, stained amniotic fluid and urine) • Urine catheterisation/ instillation Movement • Seizure • Able to position on all fours: • Realistic rotation of the shoulder and hip joints • Legs bend at the knees • Arms bend at the elbow • Other positions: • Supine • Semi-recumbent	1

		• Left lateral • Legs in stirrups • McRoberts position Breathing features • Simulated spontaneous breathing • Variable respiratory rates • Bilateral and unilateral chest rise and fall • Normal and abnormal breath sounds • 4 anterior auscultation sites • Bilateral midaxillary sites Airway features • Tongue oedema • Right lung, left lung and both lung blockage • Head tilt/Chin lift • Jaw thrust • Suctioning techniques (oral and nasopharyngeal) • Bag-Valve-Mask ventilation • Oropharyngeal and nasopharyngeal intubation • Combitube, LMA and other airway device placement • Endotracheal intubation (ET) • Retrograde intubation • Nasal and oral fiberoptic intubation • Trans-tracheal jet ventilation • Right mainstem intubation • Surgical and needle cricothyrotomy • Chest tube insertion Cardiac features • Extensive ECG library • Heart sounds synchronised with ECG • ECG rhythm monitoring • 12 lead ECG display • Defibrillation and cardioversion • Pacing Other features • Bowel sounds and foetal heart rate (not at the same time) • Interchangeable pupils (normal, blown and constricted) • Patient Voice • Pre-recorded sounds • Custom sounds • Instructor can simulate patient's voice wirelessly Circulation features • BP measured manually by auscultation of Korotkoff sounds • Bilateral carotid and brachial pulse, radial (right side only pulses synchronised with ECG) • Pulse strength variable with BP • Pulse palpation is detected and logged Vascular access • Pre-port IV access (both arms) • Subcutaneous and intramuscular injection sites Chest Compressions • CPR compressions generate palpable pulses, blood pressure wave form, and ECG artifacts • Detection and logging of a series of compressions Optional features	
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		• Automatic delivery • Normal delivery (OP, OA) • Breech • Shoulder dystocia • Instrumental delivery Patient monitor • Highly configurable • X-Ray display • Debriefing • Touch screen • Mother's vital signs and EFM • Oxygen saturation and waveform *** Provide quotes for all available optional add-ons *** Dark Skin tone	
43	Sultan anal Sphincter Repair Trainer	Manufacturer: Laerdal Features: Re-usable - all layers can be sutured repeatedly Durable and long-lasting block Illustration pack representing each degree of perineal trauma to aid identification of key landmarks and internal anatomy Soft skin with a similar drag and strength to human skin Quick and easy to set up Clamps provided to secure trainer to bench-top Compact and portable Skin surface is washable using soap & water Product is latex free ANATOMY Hymenal remnants Vaginal mucosa Perineal skin Perineal muscles External anal sphincter Internal anal sphincter Anal mucosa Pararectal fat * Dark Skin tone	1
44	Umbilical Catheterization Trainer or Manikin	Manufacturer: GT Simulators Product Name: Complete Infant CRiSis™ Manikin Model Number: Item # LF03709 * Dark Skin tone	1
45	VICTORIA (Simulator)	Manufacturer: Gaumard Product Name: VICTORIA S2200 Features: General • Tetherless and wireless; fully responsive during transport 1 • Internal rechargeable battery provides up to 10 hr. of tetherless operation 2 • Smooth and supple full-body skin with seamless articulating joints • Lifelike joint articulation: neck, shoulder, elbow, wrist, hip, knee, and ankle • Internal high-capacity fluid reservoirs • NOELLE® Fetus-Newborn wireless link capability	1

		• Includes touchscreen tablet PC preloaded with UNI® 3 • Includes touchscreen virtual patient monitor and CTG Neurologic Response • Programmable blinking rate, pupil response, and bilateral and unilateral eye movement • Interactive eyes can follow a moving object • Seizures with selectable intensity levels • Wireless streaming voice: be the voice of VICTORIA and listen to participants' responses via a wireless headset • Record and playback vocal responses in any language Airway • Head tilt/chin lift/jaw thrust • Oral or nasal intubation • Difficult airway: laryngospasm, tongue edema, and pharyngeal swelling • Airway intubation depth detection, logging, and reporting • Esophageal intubation • Selectable upper airway sounds synchronized with breathing patterns • Supports BVM and mechanical ventilation Breathing • Spontaneous breathing; selectable respiratory patterns and lung sounds • Programmable respiratory rates and inspiratory/expiratory ratios • Realistic chest rise during assisted ventilation • Ventilation performance, real-time monitoring, reporting, and logging • Right mainstem intubation detection with automatic unilateral chest rise • Real CO2 exhalation capable (CO2 Adapter S2200.078) Cardiac • eCPR™ Real-time compression and ventilation performance • Effective compressions generate palpable pulses and ECG artifacts • Select from an extensive library of preprogrammed heart rhythms with dysrhythmia options • Real-time 4-Lead electrocardiogram monitoring using real ECG devices • Defibrillation, cardioversion, and pacing using real energy • Realistic heart sounds • Programmable heart rate synchronized with ECG and pulses, even during pacing • Display virtual 12-lead dynamic ECG rhythms Circulation • Bilateral palpable carotid, radial, and brachial pulses are synchronized with heart rate and blood pressure • Monitor oxygen saturation using real oximeters • Measure blood pressure using a real manual or automatic blood pressure cuff • Bilateral venous access • Automatic drug recognition detects medication type, dose, and rate injected into the lower right arm • SubQ and intramuscular injection sites for placement exercises Obstetrics • Maternal-fetal physiologic link • Supports Leopold's Maneuvers and external cephalic version • Supports fetal monitoring using real devices • Precision Delivery System: computer-controlled fetal descent and cardinal movements • Programmable normal, breech, shoulder dystocia, instrument-assisted delivery, and C-section	
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		• Software activated self-lubricating birth canal • Realistic placenta with detachable fragments and umbilical cord • Epidural placement and needle detection; palpable anatomical landmarks and skin layers • Intrapartum bleeding • Force sensor reports traction and torsion applied to the fetus in real-time • McRoberts maneuver, suprapubic pressure, Zavanelli, Woods' Screw, and "hands and knees" position detection • Births full-term neonate of realistic size and weight • Active neonate: programmable heart and respiratory sounds, crying, cyanosis, and movement • Replaceable episiotomy inserts support suturing • Multi-layer fourth-degree episiotomy with hemorrhaging vaginal sidewall tears and cervical lacerations • Programmable uterine firmness and hemorrhaging; supports sutures and balloon tamponade • Programmable hemorrhage flow control Gastrointestinal • Selectable bowel sounds • Internal fluid bladder with urethra for Foley catheterization exercises • Rectum with suppository placement sensor *** Provide quotes for all available optional add-ons *** Dark Skin tone	
46	Zoe Gynecological Simulator	Manufacturer: GT Simulators Features: Full size adult female lower torso with relevant internal anatomic landmarks Bi-manual pelvic examination Palpation of normal and pregnant uteri Vaginal examination, including insertion of speculum Visual recognition of normal and abnormal cervixes Uterine sounding IUD insertion and removal Distal end of vagina facilitates introduction of a female condom or sizing a 75mm diaphragm Removable introitus adds flexibility for addition of multiple ZOE options Laparoscopic visualization and occlusion of fallopian tubes Minilaparotomy Realistically sculpted and anatomically accurate ovaries and fimbriae Uterus and cervix feature patented Insertion of IUD into uterus "screw" design for fast and easy change-out Original SIMA MODELS® skills trainer Package Contents: 1 anteverted and one retroverted parous uterus 1 normal uterus with short fallopian tubes for palpation exercises Early pregnancy uteri. One is 6-8 weeks and the other is 10-12 weeks 1 twenty-week pregnant uterus 5 normal cervixes with patent os 4 abnormal cervixes 10 fallopian tubes Talcum powder Soft carrying bag Instruction manual * Dark Skin tone	2
47	IntraOsseous drill	Features: EZ-IO Needle Compatible Training Drill – Designed with a patented steel driver	4

		bit and magnetic tip for a realistic, hands-on training experience with intraosseous vascular access devices. Long-Life Rechargeable Battery – Built-in 2500mAh lithium battery with USB-C charging delivers thousands of training sessions. No more replacing expensive OEM EZ-IO drills when batteries die. Realistic Feel & Performance – Similar torque to clinical EZ-IO drivers, complete with LED illumination for clear visibility during insertion practice and battery indicator lights for confidence during sessions. Complete Training Kit – Includes the newly re-designed PZ-IO Trainer Drill, premium cloth carrying case, and USB-C to USB-A charging cable. (IO needles and training bones not included.)	
48	PremieNatalie	Manufacturer: Laerdal Features: Realistic size and appearance for a preterm baby (1.6 kg, 32-week gestational age). Can be easily set up by filling Premie Natalie’s body with water, air, or dry rice. Carry bag included for convenient transport. Includes: User Guide Nasogastric tube Disposable stethoscope 20 ml syringe Knitted cap Care Plus KMC Wrap Storage Bag Diaper Tape Specifications: Product size (L x W x H) [cm]: 0,420×0,220×0,050 Product weight (kg): 1 Operating temperature [°C]: +15° to +40° Storage temperature [°C]: 20° Relative Humidity: 5-100% Materials: Vinyl, Silicone, POM, PVC, PP, TPU	4

Requirements

- Replacement Consumables:** Where replacement consumables are required, please also provide quotes for these items (particularly for simulators).
- Equivalent Simulators/items:** For items with designated manufacturers, please provide quotation for the exact model. For items without manufacturers specified, please provide quotation according to item specification. If the specifications cannot be met, please provide a quote for the nearest equivalent simulator/items with the manufacturer and model being indicated in the quotation. In this case, please clearly indicate any functionalities that are missing compared to the requested model.
- Simulator Skin Tone:**
All simulators must be of **dark skin tone**.
If a dark skin tone model is not available, please highlight this in your quotation.
- Provide quotes for all available optional add-ons**
Please explain the options and prices for each model for the “31. Mechanical Ventilator”, “42. SimMom” and “45. VICTORIA”.

INSTRUCTION TO TENDERERS

1. **Completed tenders must be delivered in a single sealed envelope** bearing the name and Reference number of the Tender, addressed to the Procuring Entity **to Kenya Good Neighbors Head Office in Ruiru by 16:00hrs of 14th November 2025 (Friday)** *situated along 3rd Sunrise Avenue in Ruiru off Eastern Bypass Between Greenspot Gardens/Brook Breeze Apartments and Deliverance Church. Left-hand side After Greenspot Gardens Carpark and of Coordinates (-1.16637,36.96845).*
2. Duly completed documents should also be returned by email to: procurement@goodneighbors.ke before/ **by 16:00hrs of 14th November 2025 (Friday)** East African Time, addressed to the Procurement Committee. **Please name the title of your email as “Company Name/OD/KOICA/MNH/2025/017.** For example, if the name of your company is ABCD, then please name your email title as “ABCD/OD/KOICA/MNH/2025/0017 Skill Lab Equipment”.
3. For a bidder to be considered responsive, it shall be **mandatory to submit both hardcopy and softcopy on time.**
4. All documents shall be in a **non-editable format such as PDF.**
5. **Please DO NOT combine any documents.** All documents submitted should be properly named **individual documents** and they should **be compressed together into ONE ZIP FILE ONLY.**
6. **Please name the ONE ZIP FILE in the same way as your email title,** that is Name of Company-Tender Name e.g. “ABCD Limited/OD/KOICA/MNH/2025/017 Skill Lab Equipment”
7. **Mandatory submission includes:**
 - a) Valid Tax Compliance Certificate.
 - b) K.R.A. Pin certificate.
 - c) Valid Certificate of Incorporation/ Registration.
 - d) Trade License.
 - e) CR12 form.
 - f) Utility bills (Any of the water, electricity, internet, gas, waste management bills, office rental fee of September or October 2025, under the name of the bidder/ firm).
 - g) Company profile including a detailed organization structure, major service of the company, location of the company, whether there are any factories or shops, contact information, etc.

- h) List of key personnel and their qualifications with at least 2 CVs attached.
 - i) In case your company is an authorized distributor for Laerdal products in Kenya, please submit Laerdal official distributor authorization letter, together with evidence of your past import history of Laerdal products.
 - j) Work profile **list of ongoing and previous projects with evidence attached** which include L.P.O, supply contracts/agreements, **the buyers' contact persons, phone numbers, and email addresses.** Please only submit evidence from 2022.
 - k) **Quotations:** should include:
 - i. Unit price.
 - ii. Quantity.
 - iii. Grand total.
 - iv. **Delivery Fee:** If there is any delivery fee, please reflect it in your quotation.
 - v. **VAT:** Please be clear in the quotation about whether VAT is inclusive. (All duties must be included).
 - vi. **Payment schedule:** The client shall only pay upon full delivery and a satisfactory quality check of the items.
 - vii. **Delivery Schedule:** please indicate how much time is needed for delivery to County Department of Health, Kenya Good Neighbors Office, Kajiado County after contract signing.
(Please include your customs clearance schedule)
 - viii. **Delivery Place:** There are four delivery locations: Kajiado County Referral Hospital, Loitokitok Sub-County Hospital, Ewaso Health Center, and an unspecified West Health Center. The final delivery locations shall be finalized after awarding.
 - ix. Quote for ALL items
 - l) Litigation history (sworn affidavit). Please share the most recent updated litigation history.
 - m) External financial audited reports for the last two (2) financial years (2023 and 2024). The reports should be authentic & valid audited final reports and accounts which meet all the requirements set by Auditing bodies.
External audited reports not signed and stamped by the Auditor and the company Director are not treated as authentic reports.
8. Late submission will be considered a non-responsive application. Failure to furnish all information required or to submit a tender not substantially responsive to the tender documents in every respect will be at the tenderer's risk and any result in the rejection of its tender.
9. In this tender process, KGN may have access to and receive from the tenderers non-public business information, regarding its business, sales, operation, and/or former or current customers. KGN agrees to maintain the confidentiality of such information and shall not use, divulge, furnish, or make accessible such information to anyone other than authorized employees and agents as necessary to carry out the tender evaluation.

ELIGIBLE TENDERERS

10. This tender is open to ALL tenderers, with the exclusion of:

- a) Lineal family and close relatives, beneficial owners, shareholders, members of governance, and key stakeholders of KGN; and
- b) Tenderers who have a history of engaging in corruption or fraud and who have a criminal record.

11. If a tenderer is a joint venture, a joint venture agreement shall be submitted. The agreement must stipulate:

- a) The duties of each participant towards the joint venture;
- b) The reason the joint venture has been established;
- c) The start and end date of the joint venture;
- d) The persons who will be the representatives of the joint venture; and
- e) Conflict resolution measure (i.e., mediation or arbitration).

COST OF TENDERING

12. Tenderers shall bear all costs associated with the preparation and submission of their tender. KGN in no case be responsible or liable for those costs, regardless of the conduct or outcome of the tendering process.

CLARIFICATION OF TENDER DOCUMENTS

- 13. Tenderers can make inquiries on tender documents through email address procurement@goodneighbors.ke no later than 16:00hrs of **12th November 2025(Wednesday)**.
- 14. KGN shall reply to clarifications sought by the tenderer within two (2) days of receiving the request to enable the tenderer to submit its tender on time.
- 15. Any **telephone canvassing** from any of the tenderers shall not be allowed and will lead to **automatic disqualification**.

AMENDMENT OF TENDER DOCUMENTS

- 16. At any time prior to the deadline for tender submission, KGN, for any reason, whether at its own initiative or in response to a clarification requested by a prospective tenderer, may modify the tender documents by issuing an addendum.
- 17. The amendment shall be notified on the KGN website, and such amendment(s) will be binding on all tenderers.
- 18. To allow prospective tenderers reasonable time in which to take the amendment into account in preparing their tenders, KGN, at its discretion, may extend the deadline for the submission of tenders.

LANGUAGE OF TENDER

19. The tender prepared by the tenderer, as well as all correspondence and documents relating to the tender exchanged by the tenderer and KGN, shall be written in English language.
20. Any printed literature furnished by the tenderer may be written in another language provided they are accompanied by an accurate English translation of the relevant passages in which case, for purposes of interpretation of the tender, the English translation shall govern.

TENDER PRICES

21. Prices quoted by the tenderer shall remain fixed during the term of the contract unless otherwise agreed by the parties. A tender submitted with an adjustable price quotation without justification for unavoidable circumstances (which KGN reserves the right to accept the explanation or not) will be treated as non-responsive and will be REJECTED.

TENDER CURRENCIES

22. Prices shall be quoted in Kenya Shillings unless otherwise decided.
23. Where other currencies are used, KGN will convert those currencies to Kenya Shillings using the selling exchange rate on the tender closing date, provided by the Central Bank of Kenya.

FORMAT AND SIGNING OF TENDER

24. All documents should be in a non-editable format such as PDF.
25. All documents including certificates, affidavits, official letters, and so forth shall be duly authorized by the issuer as per the established mode of officialization or custom dictates.
26. The tender shall have no **interlineations**, **erasures**, or **overwriting** except as necessary to correct errors made by the tenderer, in which case such corrections shall be signed by the person or persons signing the tender.

DEADLINE FOR SUBMISSION OF TENDERS

27. KGN may, at its discretion, extend this deadline for the submission of tenders by amending the tender documents, in which case all rights and obligations of KGN and candidates previously subject to the deadline will thereafter be subject to the deadline as extended.

CLARIFICATION OF TENDERS

28. To assist in the examination, evaluation, and comparison of tenders KGN may at its discretion, ask the tenderer for a clarification of its tender. The request for clarification and the response shall be in writing by email, and no change in the prices or substance shall be sought, offered, or permitted before awarding a

contract.

29. Any effort by the tenderer to influence KGN in its tender evaluation, tender comparison or contract award decisions may result in the rejection of the tender.

PRELIMINARY EXAMINATION AND RESPONSIVENESS

30. KGN will examine the tenders to determine whether they are complete, whether any computational errors have been made, whether required securities have been furnished, whether the documents have been properly signed, and whether the tenders are generally in order.
31. KGN may waive any minor informality or nonconformity or irregularity in a tender that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any tenderer.

EVALUATION AND COMPARISON OF TENDERS

32. KGN will evaluate and compare the tenders which have been determined to be substantially responsive.
33. The comparison shall be of the price including all costs as well as duties and taxes payable on all the materials to be used in the provision of the goods.
34. KGN's evaluation of a tender will comprise the below:
- a) Eligibility check;
 - b) Technical evaluation;
 - c) Financial evaluation;
 - d) Due diligence.
35. KGN reserves the right to accept or reject any tender and to annul the tendering process and reject all tenders at any time prior to contract award, without thereby incurring any liability to the affected tenderer or tenderers or any obligation to inform the affected tenderer or tenderers of the grounds for the KGN's action.
36. A tenderer who gives false information in the tender document about its qualification or who refuses to enter into a contract after notification of contract award shall be debarred from future tendering opportunities placed by KGN.

AWARD OF CONTRACT

37. Prior to the expiration of the period of tender validity, KGN will notify the successful tenderer in writing that its tender has been accepted.
38. The notification of award will signify the formation of the contract subject to the signing of the contract between the tenderer and KGN. Simultaneously the other tenderers shall be notified that their tenders have

not been successful.

39. A contract template shall be provided by KGN and reviewed together with the successful tenderer. The contents of the sample contract shall be subject to discussion and negotiation. Upon exchange of opinion and consent, both parties shall sign and effect the contract.

SIGNING OF CONTRACT

40. Both parties shall keep an original copy of the contract.
41. The parties to the contract shall have it signed within ten (10) business days from the date of notification of contract award unless there is an administrative review request.

CORRUPT OR FRAUDULENT PRACTICES

42. The successful tenderer shall observe the highest ethical standards of the industry on the execution of the contract.
43. KGN will reject a proposal for an award if it determines that the tenderer recommended for the award has engaged in corrupt or fraudulent practices in competing for the contract in question.

End of Document