

EXPERTISE FRANCE

AGUSTINE PROJECT

SUPPORT PROJECT FOR VIOLENCE PREVENTION IN EL SALVADOR

LA/2024/458-141/700002312

Terms of Reference

“Equipment for Technical Secondary Education Institutes to Strengthen the Productive/Vocational Technical High School Program in Health and Social Well-being”

Aguilares National Institute, Aguilares District, San Salvador Norte Municipality, San Salvador Department.

Izalco National Institute, Izalco District, Sonsonate East Municipality, Sonsonate Department.

October 2025

1. CONTEXT AND BACKGROUND

One of the most important actions of the European Union in El Salvador is to provide ongoing support to address issues related to violence prevention and the inclusion of youth at social risk. The European Union is focusing on the implementation of violence prevention programs as part of the development of educational policies by the Ministry of Education, Science and Technology (MINEDUCYT), particularly as part of Priority Number Five of its Institutional Strategic Plan (PEI): “A school that promotes education for coexistence, inclusion, and diversity.”

Within this framework lies the Agustine Project, a Project to Support Violence Prevention in El Salvador, through Contribution Agreement LA/2024/458-141/700002312, in effect since November 1, 2024. The Action has a total budget of EUR 18,785,902 and is co-financed by the European Union (EUR 17.7 million), Expertise France, which acts as the project lead (EUR 300,000), UNESCO (EUR 439,329), and UNICEF (EUR 329,483).

The Project will be present throughout the national territory. It will be implemented in the 129 prioritized districts nationwide that include areas with high levels of violence, crime, poverty, and exposure to psychosocial risks. Of these, 76 districts correspond to the Territorial Control Plan in the Departments of Ahuachapán, Cabañas, Chalatenango, Cuscatlán, La Libertad, La Paz, La Unión, Morazán, San Miguel, San Salvador, San Vicente, Santa Ana, Sonsonate, and Usulután.

The main objective of the project is to transform people's lives and improve conditions in the territories to reduce social vulnerability to violence and crime.

Among its specific objectives, the following stand out:

1. Increase the social integration of children, adolescents, and youth, including those in conflict with the law.
2. Improve psychosocial care services for the educational community.
3. Increase the productive integration of adolescents and youth.
4. Increase the participation of girls in inclusive school programs.

One of the key actions related to Objective 3, aimed at enhancing the productive integration of adolescents and youth, involves the improvement and diversification of the technical education offering. This includes equipping secondary education institutes with the purpose of strengthening technical high school programs and providing students with tools that enable them to develop productive skills relevant to the labor market.

2. JUSTIFICATION

Currently, the Aguilares National Institute (San Salvador) and the Izalco National Institute face the challenge of aligning their educational offerings with the demands of the labor market in the health sector. Through the Technical High School Program in Health and Social Well-being, both institutions aim to provide high-quality training that enables their students to successfully enter the professional world or pursue higher education.

However, to achieve this goal, it is essential to modernize the technological and pedagogical infrastructure of the institutes. The current limitations in material and technical resources hinder the proper development of the curriculum. Among the main shortcomings are:

- Outdated clinical instruments.
- Lack of specialized furniture for practical training (stretchers, simulators, anatomical models).
- Absence of equipped spaces that simulate real healthcare environments.

These deficiencies directly impact the teaching-learning process, limiting the implementation of active methodologies such as clinical simulation, gamification, and flipped classrooms. Despite the commitment of the teaching staff, the lack of resources restricts the development of essential technical competencies.

In response to this need, the Agustine Project is launching a call for proposals for the “Supply of Hospital Furniture, Medical Equipment, Clinical Instruments, Human Anatomical Models, and Medical Simulators.”

These resources will be allocated to equip the Health and Social Well-being laboratories in both institutes, with the aim of strengthening technical education, ensuring safe practice environments, and raising educational standards.

The goal is to positively impact the following areas:

1. Increase in enrollment: A 20% increase in enrollment is projected for the Aguilares National Institute (San Salvador) and 45% increase for the Izalco National Institute over the next three years.
2. Improvement in educational quality: It is estimated that 95% of graduating students will acquire technical competencies that will enable them to work in areas such as health promotion, community organization, basic care, health services administration, epidemiological surveillance, first aid, and disaster prevention.
3. Reduction in school dropout rates: A 20% decrease in school dropout is expected, thanks to a more practical and motivating learning environment aligned with students’ professional expectations.

3. OBJETIVE:

In order to fulfill the objectives of the Agustine Project, proposals are invited for the “Supply of Hospital Furniture, Medical Equipment, Clinical Instruments, Human Anatomical Models, and Medical Simulators” that meet the technical requirements specified for each item, in accordance with the conditions and criteria established in these Terms of Reference.

These goods must be delivered for use at the Aguilares National Institute, and the Izalco National Institute located in San Salvador North and Sonsonate East, respectively.

4. PROFILE OF BIDDING ENTITIES


Legally established company with proven experience in the sale and supply of hospital furniture, medical equipment, clinical instruments, human anatomical models, and medical simulators. Experience in supplying goods within the territory of El Salvador will be considered an advantage.



5. SPECIFICATIONS OF REQUIRED GOODS




The provision of the following goods and equipment is required, in accordance with the technical specifications detailed for each lot in the tender; any supplementary items will be valued.





Companies interested in participating in the tender may submit offers for a specific lot, either one (1) or two (2) lots. It is possible to submit a single electronic delivery for multiple lots, provided that the lots included in the offer can be clearly identified. That is, financial proposals and technical specifications must be submitted separately for each lot (for example: if bidding for two lots, two separate financial proposals must be submitted—one for each lot—clearly identifying the corresponding lot in each proposal).





6. LOT 1: HOSPITAL FURNITURE, MEDICAL EQUIPMENT, CLINICAL INSTRUMENTS





ítem	Description	Illustration	Spécifications	Quantity
1	3-function electric hospital bed (backrest elevation, knee elevation, and floor height).		<p>4 casters, two of which are lockable, and a 4-seater mattress platform. Chromed steel frame</p> <ul style="list-style-type: none"> Size: 2.24 m long x 1.1 m wide Backrest elevation: 0-60° Knee: 0-35° 	1




ítem	Description	Illustration	Spécifications	Quantity
			<ul style="list-style-type: none"> Adjustable height: 24 cm to 77 cm Low-profile design 4-section platform Removable head/foot board, made of easy-to-clean ABS material to prevent bacterial buildup. 4 aluminum side rails 4 independently controlled motors: 110 V – 60 Hz 6" casters Remote control Center-lock brakes 	
2	The hospital mattress And mattress cover		<p>High-density polyurethane foam ranging from 32 to 35 kg/m³, with a minimum tear resistance of 194 N/m and a minimum tensile strength of 70 kPa.</p> <p>Cover made of double-sided plasticized fabric with textile backing, institutional blue color (see Reference), featuring an L-shaped zipper and two (2) ventilation holes on each side, four (4) in total. Hypoallergenic, waterproof, and easy to clean. Compatible with the mattress dimensions. Length: 198 cm (+/- 1 cm) • Width: 90 cm (+/- 1 cm) • Height: 150 mm</p>	1
3	hospital privacy screens		Three-panel screen, made of aluminum with vinyl panels, equipped with double casters. Overall dimensions: 70.25 inches (178.435 cm) x 79 inches (200.66 cm).	6


ítem	Description	Illustration	Especificaciones	Quantity
4	Overbed table with a Formica tray for patient feeding.		<p>Structure made of 1 1/2" square Cold Rolled steel tubing, gauge 18.</p> <p>Top surface covered with Formica, measuring 0.38 m wide by 1 m long.</p> <p>Height adjustable via knob, ranging from 0.75 m to 1.20 m.</p> <p>Finished with electrostatic epoxy powder coating, offering high adhesion, depth, and excellent resistance to hospital environments.</p> <p>Protective or reinforcing plastic edge around the tray, aesthetic, made of gray PVC that does not stain walls.</p>	4
5	IV stands IV poles		<p>4 hooks.</p> <p>4 rubber wheels provide transport and maneuverability.</p> <p>Chrome-plated steel provides strength and durability.</p> <p>Height range: 40"-82".</p> <p>The locking collar allows for easy height adjustment.</p>	4
6	Oxygen cylinders		<p>Cylinder with a capacity of 1,699 L, practical for transport.</p> <p>Provides up to 5 hours and 45 minutes of continuous flow at 5 liters per minute.</p> <p>Includes nasal cannula, humidifier, detachable regulator</p>	2

ítem	Description	Illustration	Spécifications	Quantity
			(0.25–15 LPM), and cylinder transport cart.	
7	Vital signs monitors		1st-degree LED screen, high brightness, touch screen, three-level audible, visual, and voice alarm system, touch screen lock function to prevent patient misuse, six types of display interfaces. Parameters: SpO ₂ , NIBP, RESP, ECG, TEMP, Pulse.	2
8	Delivery instrument set (Childbirth instrument set)		3 amniotomes 1 straight Forester clamp, 24 cm 1 needle holder, 20 cm 2 curved Rochester-Pean clamps, 20 cm 1 curved Mayo scissors, 17 cm 1 dissecting forceps with serrated tips, 14 cm 3 straight Kelly clamps, 14 cm 1 stainless steel Yankauer suction cannula	2
9	Pediatric scales with stadiometer		With an attachable mechanical height rod, doctors can determine the baby's height during weighing. Features (LB/KG Conversion, LB/KG Lock, Zero/Tare, Hold/Release, Auto-Zero, Auto-Off) are included at no additional cost	2
10	Scales with stadiometer		Classic design. Non-slip platform measuring 53.5 × 27.5 cm and steel structure coated with plastic powder. Weight reading in kg/lb. Stadiometer range: 75 – 200 cm. Capacity up to 220 kg / 500 lb. Graduation: 100 g. Two rear wheels for easy movement. Easy to install and maintain, with tower-shaped column. Includes calibration certificate.	2


ítem	Description	Illustration	Spécifications	Quantity
11	Two-step platform		Two levels, non-slip rubber feet, stainless steel frame, heat and low temperature resistant, chemical resistant. Dimensions: 55 x 7.5 x 42 cm	2
12	Handwashing sink		Square toilet bowl, 0.48 x 0.40 x 0.15 cm deep, made of 1.2 mm stainless steel. Lower cabinet-style pedestal made of 0.8 mm stainless steel. Gooseneck spout and 2 1/2" drain.	4
13	Blood drawing chair		<p>The MGE-CW8C blood collection chair, also known as a phlebotomy chair, is a versatile and comfortable chair, perfect for blood donation, phlebotomy, and vaccinations, with adjustable armrests. Sturdy frame: Powder-coated steel frame, load capacity up to 180 kg.</p> <p>Dimensions: 680 mm (width) x 650 mm (depth) x 950 mm (height).</p> <p>Comfortable seat: Memory foam padded seat and backrest, upholstered in flame-resistant PVC.</p> <p>Adjustable armrest: Padded armrests adjustable to 90 degrees for optimal patient comfort.</p> <p>Ergonomic design: Provides a comfortable experience for patients and ease of use for technicians.</p>	6
14	Filing cabinet		Metal filing cabinet with 4 drawers, black color, model CMK. Dimensions: 1.30 m height x 0.49 m width x 0.62 m depth.	2




ítem	Description	Illustration	Spécifications	Quantity
15	Metal shelf for supplies and medications		Glass showcase with casters and sliding doors with lock. Dimensions: 1.50 m width × 0.80 m height × 0.40 m depth.	4
16	Swivel stools		Bench with spider legs, with 4 non-braking swivel ball-type casters, 35 cm diameter seat, with seamless vinyl upholstery and adjustable height using a worm gear, made of stainless steel.	4
17	Mini refrigerator		Capacity: 7 cu. ft. Interior LED light, mechanical temperature control. Dry cooling system. Semi-automatic defrost. Water dispenser. Separate cooling compartment. Power: 95W Voltage: 115V~60Hz Dimensions: 124 cm height × 52 cm width × 54 cm depth	4
18	14L autoclave sterilizer		Compact laboratory autoclave sterilizer for easy placement. Equipped with three perforated trays and a removable shelf. Made of high-quality stainless steel. Dimensions: 20.75 × 17 × 16.75 inches; Weight: 40.15 lbs Power consumption: 900W Sterilization time: 25 minutes Sterilization temperature: 250°F / 251.6°F (0.12 MPa) Over-temperature protection switch included	2


ítem	Description	Illustration	Especificaciones	Quantity
19	Fetoscope, Doppler ultrasound		<p>Fetal ultrasounds monitor for home use.</p> <p>Using a 2 or 3 MHz probe: Early detection of fetal life, detection of multiple pregnancies, fetal scanning from early gestation through delivery, general indication of fetal well-being.</p> <p>Using a 5 or 8 MHz probe: Detection of blood flow in the body's peripheral vascular system.</p>	4
20	Hospital bedding		<p>All-in-one hospital bedding set in a bag: top sheet, bottom sheet, pillowcase, and blanket, white color.</p>	4
21	Digital upper arm blood pressure monitor		<p>Medium cuff with 90 usage memories</p> <p>Display: 4-inch easy-to-read screen</p> <p>Memory: 192 memory slots</p> <p>Power supply: 4 "AA" batteries (DC 1.5V × 4) or adapter (DC 6V/500mA)</p> <p>Cuff circumference: 22–33 cm</p> <p>Pressure range: 0–280 mmHg (0.0–37.3 kPa)</p> <p>Pulse measurement range: 40–199 beats/min</p> <p>Overpressure protection: 280 mmHg (37.3 kPa)</p>	5
22	Examination lamp	No imagen	<p>Gynecological use</p> <p>Light source: LED</p> <p>Configuration: Mobile</p> <p>Intensity at 1 m: 7,000 lx</p>	2



ítem	Description	Illustration	Spécifications	Quantity
			Intensity at 0.5 m: 7,000 lx, 27,000 lx Power: 4 W	
23	Reclining examination couch		Backrest and footrest with three-position adjustment. Fixed seat Seamless vinyl upholstery to prevent liquid infiltration 2-inch thick polyurethane foam padding Plastic tips on legs Stainless steel stirrups Height-adjustable stirrups Includes paper roll holder Dimensions: 170 cm length × 60 cm width × 80 cm height	2



LOTE 2: HUMAN ANATOMICAL MODELS AND MEDICAL SIMULATORS



ítem	Description	Illustration	Specifications	Quantity
1	Medical training manikin		Life-size, full and realistic range of motion, realistic patient positioning, and pinch-free joints: moves like a real person.	2


ítem	Description	Illustration	Specifications	Quantity
2	Pregnant model with newborn		<p>Full-body mannequin with interchangeable modules. Simulates obstetric scenarios: diagnosis, childbirth, episiotomy. Bishop score confirmation. Includes 3 cervical dilation models and a fetal head model. Includes 3 cervical dilation models and one fetal head model. Confirmation of fetal head rotation through sagittal suture and fontanelle.</p>	2
3	Newborn simulator		<p>Internal organs (heart, lungs, intestinal system, stomach, and bladder) Removable abdominal cover Interchangeable genital organs Soft ears Fully movable head, arms, and legs</p>	2
4	Intravenous arm simulator		<p>Simulator designed for practicing intravenous injection, flashback confirmation, and palpation. Thanks to its injection pads, it also helps improve recognition of arm anatomy. A circulation pump enhances realism for procedures such as blood extraction and others. Includes:</p> <ul style="list-style-type: none"> – 2 arm models – 2 support stands – 2 injection pads (R pad) – 2 injection pads (D pad) – 4 injection pads (forearm) – 2 injection pads (back of the hand) – 1 circulation pump with plastic container – 2 bottles with stand (for simulated blood) 	6


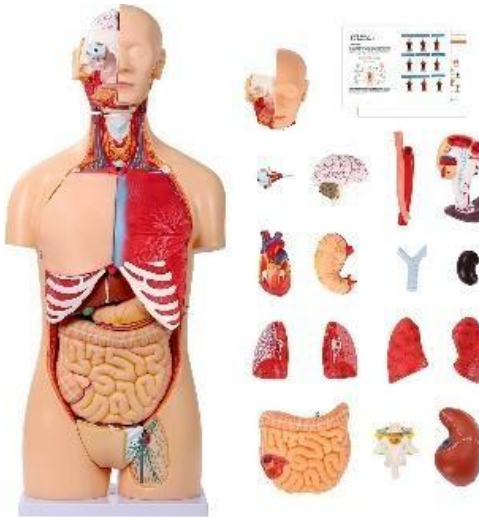
ítem	Description	Illustration	Specifications	Quantity
			<ul style="list-style-type: none"> – 1 simulated blood pack (10 swabs) – 2 anatomical sleeves showing arm vessels – 1 storage case – 1 instruction manual 	
5	Urethral catheterization trainer		<p>Urethral Catheterization Trainer</p> <p>Meticulously designed to replicate the natural curvature and length of the urethra, providing users with an exceptional simulation experience for accurate catheterization practice.</p> <p>Realistic Appearance: Made from high-quality silicone, it features a lifelike look and skin-like texture, enhancing the realism of training sessions and offering users an authentic simulation experience.</p> <p>Professional Educational Tool: Ideal for educational training in medical and nursing schools, as well as in-house staff training within healthcare institutions. It serves as a valuable tool for improving catheterization skills</p>	4
6	Life-size human skeleton model for anatomy		<p>Removable and humanized design: The bone model includes 206 articulated bones. Its head and joints are detachable and movable. The skeleton can also be assembled.</p> <p>70.8-inch life-size human skeleton made of high-quality PVC material. Easy to clean.</p>	4




ítem	Description	Illustration	Specifications	Quantit y
			Easy to move anywhere: The base is equipped with a rolling stand made up of five wheels, allowing you to easily move the anatomical human skeleton model to any location for closer learning and research.	
7	Life-size superficial neurovascular model of half a human head with musculature for anatomical education		<p>Anatomical Structure: The model features a realistic human head with a superficial neurovascular system, including the brain, spinal cord, major blood vessels, and nerves. It is designed to provide a comprehensive understanding of the anatomical structure of the human head.</p> <p>Detailed Musculature System: The model includes a detailed musculature system, allowing observation of the muscles and their connections in the head and neck region. This feature is particularly useful for students studying muscle functions in these areas.</p> <p>Life-Size Design: The model is life-size, making it an ideal tool for medical education and training. It can be used by students to study the head and neck region in detail and to gain a better understanding of the complex anatomy and physiology of these areas.</p> <p>Durable Construction: Made from high-quality materials,</p>	2



ítem	Description	Illustration	Specifications	Quantity
			<p>the model is built to withstand the rigors of classroom use.</p> <p>Dimensions: 9 x 6 x 11 inches; 1.98 pounds</p>	
8	Adult Half-Body Manikin for CPR, Resuscitation, and Intubation Training"		<p>Life-size human model, 80 cm x 55 cm x 33 cm, 12.5 kg, resuscitation and intubation manikin.</p>	4
9	Medical anatomical shoulder model with functional ligaments		<p>Functional Shoulder Joint Model:</p> <p>Clear visualization of the major soft tissues of shoulder anatomy, demonstrating all primary movements and functions of the shoulder joint.</p> <p>Medical Shoulder Anatomy Display Model:</p> <p>Mounted on a base. The shoulder model can be removed from the stand, and the artificial ligament shoulder model can simulate active positioning.</p> <p>Perfect for Teaching and Education:</p> <p>An ideal replica of the anatomical shoulder model. Suitable for science classes, medical schools, anatomy studies, or medical offices.</p> <p>Medical-Grade Quality:</p> <p>Made of non-toxic, odorless PVC material, easy to clean. Washable and designed to last for years.</p>	2




ítem	Description	Illustration	Specifications	Quantity
10	Life-size human knee anatomical model with ligaments		<p>Dimensions : 8.5 x 6.81 x 5.2 inches ; 1.04 pounds</p> <p>Dynamic Anatomy Exploration: Explore the dynamics of the knee joint, illustrating flexion, extension, internal rotation, external rotation, and patella movement.</p> <p>1:1 Life-Size Model: Mounted on a plastic base for easy viewing, perfect for medical classroom teaching and patient education using the human knee joint model.</p> <p>Superior Durability: Made of high-quality PVC material for enhanced durability, odorless and corrosion-resistant, ensuring longevity and ease of use in various educational settings.</p> <p>Dimensions : 12.76 x 5.12 x 4.41 inches; 1.84 pounds</p>	2
11	Flexible painted human spine model (34.25 inches)		<p>Demonstrates Different Curvatures: Includes a tall 34.75-inch (34.8 in) metal stand with a 9.8 x 9.8-inch (9.1 x 9.1 in) base and a 360-degree pivot hook that allows positioning the model at various angles. The entire structure is supported by a flexible cable that enables bending, twisting, and rotating the model in any direction. This flexible feature allows demonstration of various movement patterns or how certain conditions can affect the spine.</p> <p>Anatomically Accurate Features: Displays precise anatomical details of each vertebra, including vertebral body, spinous and transverse processes, vertebral notch, and spinal canal. Also includes</p>	2



ítem	Description	Illustration	Specifications	Quantit y
			facet joints, vertebral artery, nerve branches, herniated disc between the 4th and 5th lumbar vertebrae, full pelvis, sacrum, and occipital bone. Dimensions: 7.9 x 16.9 x 13.8 inches	
12	Breast examination and palpation simulator		<p>Advanced Clinical Breast Inspection and Palpation Model</p> <ol style="list-style-type: none"> 1. Simulates the upper body of a female with moderately sized breasts, made from imported material with soft skin and a realistic tactile feel. 2. Includes elastic cloth that can be worn over the chest for self-examination, with adjustable length and tension. 3. The model provides the following pathological changes: Nodules: Malignant tumors: hard texture, irregular surface. Benign tumors: relatively soft and smooth texture. Lymphatic metastasis: <ul style="list-style-type: none"> • Hard lymph nodes can be palpated in the axillary and neck regions. Nipple changes: <ul style="list-style-type: none"> • Nipple inversion, ulceration, and bloody discharge. Skin changes: <ul style="list-style-type: none"> • Skin dimpling, orange peel appearance, and signs of inflammatory breast cancer. 	2



ítem	Description	Illustration	Specifications	Quantit y
13	Hip Injection Training Simulator, Realistic Reusable Model, 1:1 Gluteal Muscle Injection Ratio, Practice Insertion Model, Training Pad		<p>Hip Injection Training Model: The product size is 3.7 x 6.3 in / 6.3 x 7.5 in. It features vivid imagery and realistic appearance.</p> <p>This hip injection training model has a simple and clear design, with the injection site divided into a dotted line and an injection module. The injection module allows fluid injection and is easy to remove and dry, enabling repeated practice until the medical skill is fully mastered. It is an ideal product for trainees.</p>	6
14	Human torso model		<p>Human Torso Model (33.4 inches, Dual Sex, Life-Size, 32 Removable Parts)</p> <p>This life-size anatomical torso model measures 33.4 inches and includes 32 removable parts such as the head, heart, skull, brain, visceral muscle layers, and more. It comes with a manual for educational use.</p> <p>Made from high-quality PVC plastic, these human anatomy models are designed for maximum durability and longevity. Some components are made of flexible PVC to provide a realistic feel.</p> <p>This torso features interchangeable male and female genital organs, offering a complete anatomical representation of both male and female bodies in a single torso model.</p>	2



ítem	Description	Illustration	Specifications	Quantity
15	Female pelvis and perineum model		<p>This female pelvic and perineum model clearly displays the anatomy and position of the female reproductive organ, pelvic organs (bladder, rectum), and the muscular layers of the pelvic floor and bony pelvis. The pelvic bones include the hip bone, the sacral part features a movable coccyx and two lumbar vertebrae. The uterus, rectum, and bladder can be removed for easy observation and study. Life-size 1:1 scale.</p>	2
16	Male Pelvis Model		<p>Life-Size Human Male Pelvic Floor Model (11 Parts)</p> <p>This life-size anatomical model of the human male pelvic floor consists of 11 detachable parts, including: bones, ligaments, blood vessels, nerves, pelvic floor muscles, and external genital organs.</p>	2
			12.2 x 12.2 x 0.2 inches	
17	Medical Anatomical Human Skull Model, 3-Piece, Numbered, Life-Size		<p>3 numbered parts, life-size</p> <p>Numbered key included</p> <p>Excellent tool for teaching/studying human anatomy</p>	4



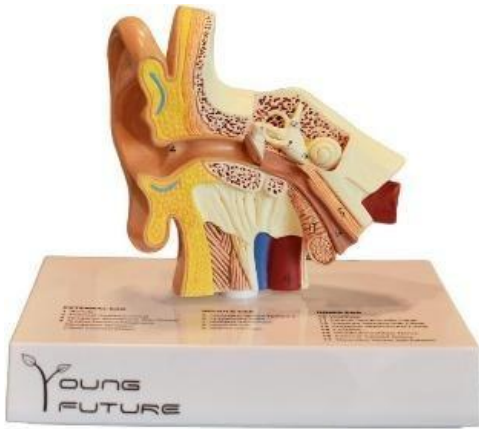
ítem	Description	Illustration	Specifications	Quantity
18	Enlarged Human Eye Anatomical Model – 6X Size Accurate eye model showing the optic nerves, cornea, iris, lens, and vitreous body, with removable stand.		<p>Human Eye Anatomical Model</p> <p>This anatomical human eye model contains seven parts: the upper and lower sections of the eye, cornea, iris, lens, vitreous body, and base. The sclera and part of the choroid muscles are also visible.</p> <p>The eyeball model is made of non-toxic PVC, offering corrosion resistance, realistic shape, lightweight design, and durability.</p> <p>The anatomical eye model clearly displays the internal structure of the eye. The cornea, iris, lens, and vitreous body are removable for easy disassembly.</p>	2
19	Life-Size Anatomical Elbow Joint Model		<p>Demonstrates all elbow functions and external anatomical structures</p> <p>Includes flexible, artificial ligaments.</p> <p>Demonstrates flexion, extension, and internal/external rotation.</p> <p>Shows the parts of the humerus, radius, and ulna in the human elbow joint.</p>	2
20	Foot Joint Model with Ligaments –		Human Foot Skeleton Model with Ligaments for Anatomical Study	2


ítem	Description	Illustration	Specifications	Quantity
	Human Anatomical Model, Life-Size, 11 Inches Tall		<p>Mounted with flexible wire for enhanced mobility</p> <p>Foot includes portions of the tibia and fibula for detailed examination</p> <p>Plastic base allows 360-degree rotation of the model</p> <p>Made of PVC plastic, which resists reactions with acids, gasoline, alcohol, and hydrocarbons</p>	
21	Simulator for External Pressure and Leopold Maneuvers		<p>Articulated Newborn Model – 19 Parts for Leopold Maneuvers</p> <p>Articulated at the head and neck, shoulders, elbows, hips, and knees</p> <p>Realistic mouth and nasal cavities for simulated suction</p> <p>Palpable fontanelles, spine, shoulders, buttocks, elbows, and knees</p> <p>Newborn position raised or lowered by air pressure in the lower "cushion"</p> <p>Palpation ease of the newborn adjusted by air pressure in the upper "cushion"</p>	2
22	Human Medical Chest/Throat Anatomy		<p>Anatomical Heart and Lung Model with Larynx – 51 Labels</p> <p>This life-size model separates into 7 different parts.</p> <p>The lungs have two removable lobes to show internal structures.</p> <p>Heart bisections show the atria, ventricles, and valves.</p> <p>The larynx is also bisected, and the diaphragm is shown.</p>	2
			13.62 x 9.8 x 6.18 inches; 3.99 lbs	

ítem	Description	Illustration	Specifications	Quantit y
23	Medical Anatomical Model of the Classic Cerebral Artery		<p>9.56 x 7.5 x 0.2 inches</p> <p>Made of green PVC plastic material. Durable and easy to clean. Includes removable parts: brain and skull.</p>	2
24	Enema Administration Simulator		<p>The Life/form® Enema Administration Simulator is perfect for group demonstrations of enema procedures and practice sessions of any size. Each student can realistically practice enema administration using this lifelike model. Standard enema procedures can be performed using conventional enema equipment; no special tools are required. Flexible upper buttock: The student must lift the buttock to locate and insert into the anus. Portable and easy to use</p> <p>Drainage tube: Liquid can be drained directly into a large container or sink</p> <p>Includes:</p> <p>Enema Administration Set Hard carrying case Teaching guide</p>	2

ítem	Description	Illustration	Specifications	Quantity
			Dimensions: 18" x 18" x 12"	
25	Realistic baby dolls – 12-inch vinyl		<p>The full-body vinyl doll is waterproof, weighs approximately 15.8 ounces, and measures about 12 inches from head to toe, making it suitable for newborn baby simulations. It fits 0 to 3-month baby clothing</p>	8
26	human kidney dissection model		<p>Base and stand provide convenience for demonstration.</p> <p>Made of high-quality plastic material, safe and reliable to use.</p> <p>Supports school education: The model is split in half for a more detailed examination of internal structures such as the medulla, renal pelvis, ureter, and more</p> <p>9.84 x 4.33 x 4.33 inches</p>	4
27	Male urinary system anatomy model, life-size removable kidneys, bladder, urinary tract, and adrenal glands.		<p>Kidneys, ureters, bladder, arteries and veins, etc., feature clear texture and structure with vivid details—realistic and reliable. It is a rare teaching demonstration tool for explaining relevant anatomical knowledge. Measures 14.61 x 8.74 x 3.9 inches; weighs 2.51 pounds."</p>	4

ítem	Description	Illustration	Specifications	Quantity
			<p>Anatomically accurate: This urinary system model was developed based on human models to be the most precise anatomical replica of a urinary system. The model is designed to be visually appealing and informative, making it a great addition to any classroom.</p> <p>Eco-friendly PVC material: The urinary system model is made of non-toxic, eco-friendly PVC. It comes with a sturdy base and is removable. Easy to clean.</p> <p>Product manual included: The model is detailed and handcrafted. Different parts of the urinary system model are marked with different colors and come with detailed product manuals</p>	
28	Detachable human heart model		<p>4-part heart model: The heart model is easy to disassemble and can be divided into four parts to teach and explain the external and internal structure of the heart. It features an invisible magnetic structure for easy installation and viewing.</p> <p>High-quality materials: The heart model is made of PVC material.</p>	8
29	cardiovascular demonstration model for teaching		<p>Human circulatory system model for anatomical study. It shows blood flow through the brain, heart, lungs, liver, spleen, kidneys, and partial skeleton</p> <p>Realistic textures and details: The model is at 1/2 natural size. It features realistic textures and intricate details,</p>	2

ítem	Description	Illustration	Specifications	Quantity
			<p>providing an incredible level of realism for examining the circulatory system within the human body</p> <p>Material: PVC</p> <p>Size: 90 × 30 × 12 cm / 35.4 × 12 × 4.7 in</p> <p>Weight: 3.3 kg / 1.3 lb</p>	
30	Functional 3X larynx anatomy model, pharynx-larynx model, human neck structure model		<p>Functional 3X larynx anatomy model, pharynx-larynx model, human model to reinforce neck structure.</p> <p>It comes with a detailed product manual with all anatomical structures labeled and described in text, making it convenient for teaching.</p> <p>12.1 x 8.07 x 0.2 inches</p>	2
31	human ear anatomy model		<p>Measuring 6.9 x 5.7 x 7.1 inches, this eyeball model is space-efficient yet packed with intricate details. The included labeled sign provides clear identification of all structures, allowing both beginners and advanced students to quickly reference key parts.</p>	2
32	anatomical model of the human liver		<p>Detachable design: the anatomical model of the human liver can be divided into three parts to facilitate the explanation of the structures of the liver,</p>	4

ítem	Description	Illustration	Specifications	Quantity
			<p>duodenum, and spleen, as well as their interrelationships</p> <p>This liver dissection model is well reproduced and shows the vessels of the pancreas, the abdominal trunk, and the hepatic portal vein.</p> <p>9.37 x 8.23 x 4.69 inches; 1.39 pounds</p>	

7. DELIVERY ADDRESSES:

1. Aguilares National Institute, Aguilares District, San Salvador North Municipality, San Salvador Department.
<https://maps.app.goo.gl/4x2E8s62LkDqd1Ps6>
2. Izalco National Institute, Izalco District, Sonsonate East Municipality, Sonsonate Department.
<https://maps.app.goo.gl/vKUD9sm19RqSMmb1A>

8. DISTRIBUTION BY SITE:

Refer to Annex I of these Terms of Reference to see the distribution by site.

9. TIEMPO DE ENTREGA

The expected delivery period for the goods is sixty (60) calendar days; if you are able to deliver immediately, please specify this in your offer.

ANEXO 1: DELIVERY DISTRIBUTION

LOT 1: HOSPITAL FURNITURE, MEDICAL EQUIPMENT, CLINICAL INSTRUMENTS

Item	Description	National Institute of Aguilares	National Institute of Izalco	Total

1	3-function ELECTRIC hospital bed (backrest elevation, knee elevation, and height adjustment from the floor).	1		1
2	Hospital mattress and cover	1		1
3	Privacy screens	3	3	6
4	Overbed table with a Formica tray for patient feeding	2	2	4
5	IV stands	2	2	4
6	Oxygen cylinders	1	1	2
7	Vital signs monitors	1	1	2
8	Delivery instrument set	1	1	2
9	Pediatric scales with stadiometer	1	1	2
10	Scales with stadiometer	1	1	2
11	Two-step platform	1	1	2
12	Handwashing sink	2	2	4
13	Blood drawing chair	3	3	6
14	Filing cabinet	1	1	2
15	Metal shelf for supplies and medications	2	2	4
16	Swivel stools	2	2	4
17	Mini refrigerator	2	2	4
18	14L autoclave sterilizer	1	1	2
19	Fetoscope, Doppler ultrasound	2	2	4
20	Hospital bedding	2	2	4
21	Digital upper arm blood pressure monitor		5	5
22	Examination lamp		2	2
23	Reclining examination couch		2	2

LOTE 2: HUMAN ANATOMICAL MODELS AND MEDICAL SIMULATORS

ítem	Description	National Institute of Aguilaes	National Institute of Izalco	Grand Total
1	Medical training manikin	1	1	2
2	Pregnant model with newborn	1	1	2

3	Newborn simulator	1	1	2
4	Intravenous arm simulator	3	3	6
5	Urethral catheterization trainer	2	2	4
6	Life-size human skeleton model for anatomy	2	2	4
7	Life-size superficial neurovascular model of half a human head with musculature for anatomical education	1	1	2
8	Adult Half-Body Manikin for CPR, Resuscitation, and Intubation Training	2	2	4
9	Medical anatomical shoulder model with functional ligaments	1	1	2
10	Life-size human knee anatomical model with ligaments	1	1	2
11	Flexible painted human spine model (34.25 inches)	1	1	2
12	Breast examination and palpation simulator	1	1	2
13	Hip Injection Training Simulator, Realistic Reusable Model, 1:1 Gluteal Muscle Injection Ratio, Practice Insertion Model, Training Pad.	3	3	6
14	Human torso model	1	1	2
15	Female pelvis and perineum model	1	1	2
16	Male Pelvis Model	1	1	2
17	Medical Anatomical Human Skull Model, 3-Piece, Numbered, Life-Size	2	2	4
18	Enlarged Human Eye Anatomical Model – 6X Size Accurate eye model showing the optic nerves, cornea, iris, lens, and vitreous body, with removable stand.	1	1	2
19	Life-Size Anatomical Elbow Joint Model	1	1	2
20	Foot Joint Model with Ligaments – Human Anatomical Model, Life-Size, 11 Inches Tall	1	1	2
21	Simulator for External Pressure and Leopold Maneuvers	1	1	2
22	Human Medical Chest/Throat Anatomy	1	1	2
23	Medical Anatomical Model of the Classic Cerebral Artery	1	1	2
24	Enema Administration Simulator	1	1	2
25	Realistic baby dolls – 12-inch vinyl	4	4	8
26	human kidney dissection model	2	2	4

27	Male urinary system anatomy model, life-size removable kidneys, bladder, urinary tract, and adrenal glands.	2	2	4
28	Detachable human heart model	4	4	8
29	cardiovascular demonstration model for teaching	1	1	2
30	Functional 3X larynx anatomy model, pharynx-larynx model, human neck structure model	1	1	2
31	Human ear anatomy model	1	1	2
32	Anatomical model of the human liver	2	2	4