

EXPERTISE FRANCE

AGUSTINE PROJECT

PROJECT IN SUPPORT OF THE PREVENTION OF VIOLENCE IN EL SALVADOR LA/2024/458-141/700002312

Terms of reference

"Equipping technical secondary education institutes for strengthening the productive/vocational technical baccalaureate in health and social welfare"

National Institute of Armenia, District of Armenia, Sonsonate East Municipality, Sonsonate
Department.

José Luis López National Institute, Jocoro District, Morazán Sur Municipality, Morazán department

October, 2026

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 of violence prevention and inclusion of young people at social risk. The European Union is focusing on implementing violence prevention programs as part of the development of educational policies of the Ministry of Education, Science and Technology (MINEDUCYT), in particular as part of priority number five of its Institutional Strategic Plan (PEI): "A school that promotes education for coexistence, inclusion and diversity."

This is the context of the Augustine project, a support project for violence prevention in El Salvador, through the contribution agreement LA/2024/458-141/700002312, in force since November 1, 2024. The Action has a total budget of €18,785,902, and is co-financed by the European Union (€17.7 million), Expertise France, which acts as project leader (€300,000), UNESCO (€439,329) and UNICEF (€329,483).

The project will have a presence throughout the national territory. It will be implemented in the 129 nationally prioritized districts that have areas with high rates of violence, crime, poverty and exposure to psychosocial risks. Of these, 76 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 young people, including those in conflict with the law.
2. Improve psychosocial care services for the educational community.
3. Increase the productive integration of adolescents and young people.
4. Increase girls' participation in inclusive school programs.

One of the key actions related to objective 3, to enhance the productive integration of adolescents and young people, is the improvement and diversification of technical education. This includes equipping middle schools, with the purpose of strengthening technical baccalaureates and providing students with tools that allow them to develop productive skills relevant to the work environment.

2. JUSTIFICATION

The institutes: Instituto Nacional Profesor José Luis López and Instituto Nacional de Armenia, located in Jocoro District, Morazán Sur Municipality, and in Sonsonate Este respectively, face the challenge of aligning their educational offer with the demands of the current labor market. In this context, the modernization and equipment of its workshops will allow students to conduct internships in conditions close to professional environments, thus strengthening their technical knowledge, his digital skills and his competences in the area of health and social welfare.

The incorporation of technological equipment, specialized tools and didactic resources will raise the quality of training practices, increase student motivation and create better conditions for educational continuity and future job insertion of young people.

Also, having adequate equipment will make it possible to train technicians capable of performing in prevention, primary care, basic care and community health promotion, contributing directly to the well-being of their communities.

The modernization of institutes is expected to have a significant impact on:

1. Increase in enrollment

It is estimated that the enrollment of the baccalaureate will increase by 10% in the National Institute of Armenia and by 7.27% in the National Institute Professor José Luis López during the next three years.

2. Improving educational quality

It is projected that at least 90% of students will acquire, upon graduation, the technical skills needed to perform activities related to health and social welfare, through the proper use of equipment, tools and technological resources.

3. Reduction of school dropouts

It is expected to contribute to a decrease in dropout at the technical baccalaureate of 20% at the National Institute of Armenia and 10% at the National Institute Professor José Luis López, over a period of three years.

4. Employment and educational integration

National Institute of Armenia: more than 70% of graduates are expected to pursue higher education related to health.

Instituto Nacional Profesor José Luis López: it is projected that more than 75% of graduates will enter the labor market directly or continue higher education.

Project goals

In this way, the following targets will be achieved:

- At least **163 students (33 men and 130 women)** benefiting from the equipment of the workshops of the Technical Bacculaureate in Health and Social Welfare.
- **Two workshops** of the Technical Bacculaureate in Health duly equipped for the carrying out of practical learning activities.

3. OBJECTIVE:

In order to meet the objectives of the Augustine Project, bids are invited for the " **Supply of Hospital Furniture, Medical Equipment, Clinical Instrumentation and Human Anatomical Models and Medical Simulators**" that meets the technical requirements indicated for each item, in accordance with the conditions and criteria set out in these Terms of Reference.

These goods must be delivered for use at the National Institute of Armenia, District of Armenia, Sonsonate East Municipality, Department of Sonsonate and at the José Luis López National Institute, Jocoro District, South Morazán Municipality, Department of Morazán

4. PROFILE OF BIDDERS:

Legally constituted company with proven experience in the sale and supply of hospital furniture, medical equipment, clinical instruments and human anatomical models and simulators. will be an advantage to have experience in the supply of goods on the territory of El Salvador.

5. SPECIFICATIONS OF THE GOODS REQUIRED:

The provision of the following goods and equipment is required according to the technical specifications detailed in each lot of the tender; all additional items will be valued.

Companies interested in participating in the tender may bid for a specific lot, one (1) or two lots (2). It is possible to make a single electronic shipment for several lots, provided that the lots included in the offer can be identified without ambiguity, i.e. economic offers and specifications must be submitted separately for each lot (For example: if you bid for two lots, you must send two economic proposals for each lot in your shipment, identifying in each offer the lot to which it corresponds.

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

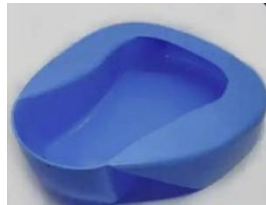
item	Name	Technical description	Quantity	Unit	Image
1	Small steriliser autoclave	Autoclave Sterilization System, Timer and Water Evacuator Included, Table Model. Capacity 24 Liters. 2 Safety valves. Drain tap. Double scale manometer (pressure and temperature). Sterilization volume: 24 L. Pressure: 0.14-0.16Mpa. Maximum pressure: 0.165Mpa. Pressure adjustment range: 0.05-0.14 Mpa. Timer range: 0-60min. Power consumption: 2KW / AC110V.60Hz. Dimensions: 41 x 41 x 52 cm.	2	Unit	
2	Surgical tray	For instruments, mirror polished, sterilizable, Material: Made of surgical grade stainless steel (304), which is corrosion resistant and easy to sterilise, with dimensions of 27 x 20 x 2 cm., differences +/- 3 cm are accepted.	4	Unit	
3	Instrumental set 14 pieces	Set of 14 pieces in synthetic leather case including: - 1 dissection clamp with and without claw. - 1 needle holder clamp. - 1 mosquito stick. - 1 straight and curved Kelly clamp. - 1 Rochester clamp. - 1 beveled, eye-style probe. - 1 iris scissors. - 1 may scissor. - 1 fine dissection clamp. - 1 knife handle 3 and 4 and knife leaves. In its synthetic leather case.	4	Unit	

item	Name	Technical description	Quantity	Unit	Image
4	Sterile fabric fields	Set of reusable surgical cotton cloth fields, washable and autoclavable.	40	Unit	
5	Cistern Lister	Lister button or bandage scissors in 5.5-inch stainless steel for safe cutting.	30	Unit	
6	Electric hospital bed	Easy-clean, anti-corrosion mechanical manual bed with flat metal surface (no springs). Epoxy-coated structure, with side folding aluminium alloy rails and removable ABS engineering plastic headers. Height adjustable, between 52 and 72 centimeters approx. Load capacity: 200 kg approx. Total bed width 94 cm approx. Total length of the bed 214 cm approx. Adjustment of positions through 3 handles located on the side of the feet, which will manipulate the different movements of the bed. Side railings in polished steel with ABS surface, completely collapsible. Four (4) rotating wheels of approx. 12.5 cm diameter. , with brake, easy to move. Impact protector in every corner of the bed. ACCESSORIES: 1-Mattress, 1-Ratchet built into the bed.	2	Unit	
7	Hospital-type mattress	The hospital mattress has the following components: a) High-density polyurethane foam from 32 to 35 kg/m3 with minimum tear resistance of 194 N/m and minimum stress of 70 kPa. b) Fabric lining laminated with textile support Double Face, blue color (institutional) with L-shaped closure and two (02) breathing holes on each side,	2	Unit	

item	Name	Technical description	Quantity	Unit	Image
		four (04) in total. Hypoallergenic, waterproof and easy to clean. Compatible with mattress dimensions. Dimensions: 200 cm (+/- 2 cm) long, 90 cm (+/- 2 cm) wide, 15 cm high.			
8	Biombos	Biombo 3 bodies constituted by a stainless steel structure and has three vertical rectangular frames that would form the bodies of the biombo, built in round tube, each frame or body carries in the central part a vinyl curtain (PVC) or Plastic Clinical, which covers 84% of the surface and the three bodies are joined together by means of metal hinges. On the bottom it carries wheels so that it can be moved. Independent folding bodies. Removable vinyl (PVC) or clinical plastic curtains.	4	Unit	
9	Stainless steel reclining gynecological sofa	Stainless steel gynecological reclining sofa with stirrups, 2 inches thick foam lined with vinyl, washable upholstery. Approximate dimensions: 180 x 60 x 79 cm.	2	Unit	
10	Food table	Dining table with formic tray for patient feeding. Structure made of 1 1/2" square steel pipe, 18 gauge. Top cover lined with a 0.38 m wide by 1 m long formic. With adjustable height activated by means of drill in a range from 0.75 m to 1.20 m. Electrostatic powder application epoxy paint finish, with high adhesion and depth and excellent resistance to the hospital environment. Protective bezel or plastic reinforcement around the tray, aesthetic, in gray PVC, which does not stain the walls.	4	Unit	

item	Name	Technical description	Quantity	Unit	Image
11	Mesa Mayo	Mayo stainless steel table with hydraulic or manual lift by roller, with lifting system, equipped with 2 to 4 wheels of 2 to 3 inches in diameter, with 360° rotation, has a tray from 45cm to 50cm wide, and 60 cm to 65 cm long, designed to withstand a minimum weight of 15-20 kg.	4	Unit	
12	Atril	4 hooks. 4 rubber wheels that provide transport and maneuverability. Chromed steel provides strength and durability. Height range of 40"-82". The locking collar allows for easy height adjustment.	4	Unit	
13	Pediatric table with scale and gauge	Made of steel sheet with thermoset or enameled paint finishes, with a mattress lined with waterproof vinyl or medical grade, with comfortable support for the infant. Commonly designed in cabinet format including quiet drawers and doors for organized storage of instruments, healing material or clinical sheets, integrated infantometer (graduated from 0 to 100 cm), with included scale.	2	Unit	
14	Scales with gauge	Classic design. 53.5 * 27.5 cm non-slip platform and plastic powder-coated steel structure. Weight reading in kg/lb. Tallometer from 75-200cm. Capacity up to 220 kg / 500 lb. Split into 100 G. Two rear wheels for easy movement. Easy to install and maintain, with tower-shaped column. With calibration certificate.	4	Unit	
15	Blood drawing chair	Chair takes samples. Painted iron structure. With two drawers. With adjustable arm holder. Arms holder tucked. Seat and backrest with vinyl lining. 2-inch polyurethane seat. No seams to prevent filtration. Approximate dimensions: Total width 96 cm; Seat 55 cm front,	2	Unit	

item	Name	Technical description	Quantity	Unit	Image
		43 cm bottom; Backrest 55 cm front, 45 cm high.			
16	Archivist	Metal filing cabinet of 4 black drawers, measures 1.30 m x 0.49 m Width x 0.62 m depth in each drawer, with safety plate.	2	Unit	
17	Medicine cabinet	Display case or cabinet of 1 body for painted medicine. With an upper door with glass and sheet metal, white paint with baking blue, with flatters, with two glass interliners, with a drawer without sheet metal, with an lower door without sheet metal with vanishing, with a garnish. Approximate dimensions: 45 cm front x 45 cm bottom x 170 cm high.	2	Unit	
18	70-inch 4K TV screen	Screen size 70". Resolution: 3,840 x 2,160. LED technology, HDR, HDMI 3 inputs, USB 1 input, 20W audio power, Bluetooth, WiFi connection.	2	Unit	
19	Hospital bed blanket kit	Adaptive bedsheet set for clinical beds (countertop, bottom and pillow cover). Bottom blanket (with elastic band): Approx. 91 cm wide by 203 cm long, with deep pockets (15 to 25 cm) adapted for thick clinical mattresses. Sheet top: approx. 1.50 m wide by 2.50 m to 2.60 m long.	6	Unit	

item	Name	Technical description	Quantity	Unit	Image
		Pillow cover: approx. 48 cm by 70 cm. White.			
20	Clinical Sheet (Barrier Tech)	Clinical sheet, white with a minimum of 160 threads, high-tech with an antimicrobial barrier and impermeable to fluids.	6	Unit	
21	plastic duck	High-density polyethylene (HDPE) material, Volume capacity: 2.5 to 3.0 liters (2500 cc - 3000 cc), Structurally designed to withstand the pressure of an adult body weight up to 90 kg - 110 kg. Total length: 34 cm to 38 cm, Back width (wide area): 26 cm to 28 cm, Front width (narrow area): 13 cm, Height / Depth: 8 cm to 10.5 cm. Rounded edges: completely smooth and seamless finishes, Anatomical shape: Its softened and low profile contour minimizes pressure on the patient's lumbar and sacral area, smooth surface.	6	Unit	
22	Digital arm blood pressure monitor	Measurement range: 0-300mmHG(pressure) 40-200 Pulse/min. 21-record memory storage. 4 AA batteries. Standard adult bracelet.	6	Unit	

item	Name	Technical description	Quantity	Unit	Image
23	Manual blood pressure monitor	1 adult bladder bracelet, 1 0-300mmHG manometer, 1 two-valve inflator pear, 1 vinyl case.	6	Unit	
24	Pulse Oximeter	Easy-to-read digital LED display. Simple operation with a single button. Automatic power off for battery conservation. Adjustable by adult or pediatric finger. SPO2 measurement range: 0% to 100%, pulse: 30 to 235 bpm. Accuracy: 2-3. Low battery indicator.	6	Unit	
25	Glucometer	Glucometer including: 1 Glucometer, 10 Lancets, 1 Stapler, 1 bottle of 10 strips, 1 battery pack, case and instruction manual. Automatically encoded when inserting the strip, with 200 memories. With a box of 50 reactive strips.	6	Unit	
26	Infrared thermometer	Body temperature +32 to +42 °C. Surface temperature 0 to +60 °C. Emissivity: fixed 0.95. Display: backlit LCD. Response time: 500 m/sec. Indication on scale: "HI" (high) or "LO" (low). Working temperature: 0 to +50 °C. Humidity: 10-90% RH. Power supply: 2 AA batteries. Automatic shutdown: 7 seconds (approx.). Size: 160 x 82 x 42 mm.	6	Unit	
27	Fetal Doppler	Compact size ultrasonic transducer. With 1.5 V AA battery support. Audio recorder function. With backlit LCD screen. Precise fetal heart detection with high-fidelity sound. Support 2 MHz, 3 MHz, 4 MHz, 5 MHz, 8 MHz waterproof probes. Automatic and manual fetal heart rate counting.	6	Unit	

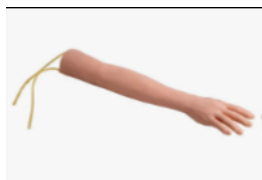
item	Name	Technical description	Quantity	Unit	Image
		Interchangeable water-resistant probe. Automatic shutdown.			
28	Wheelchair	The Adult Adjustable Wheelchair with leg lift, with 18-inch wide wheel brakes and seat, with removable foot holder, sturdy wheels and nylon upholstery. Can support up to 200 pounds in weight.	2	Unit	
29	Diagnostic lamp	3.5V halogen light, solid brass/bronze or high-strength aluminum construction with black metal finish, ignition mechanism: Integrated clamp that acts as a switch when pressed against the body (pen type). Length: 145 mm (about 6 inches, 1 inch difference is accepted). Diameter: 13 mm (1.2 inches with clip).	4	Unit	
30	Oto-ophthalmoscope	OTO-OPHTHALMOSCOPE set with LED light and resistant to disinfection. Uniform visual field illumination. Includes disposable ear specimens (4 x 2.5mm, 4 x 4mm). LED light ophthalmoscope with warm and cool light option for diagnosis with higher contrast, brightness and efficiency. Lens mount with 18 corrective lenses (+/- 1, 2, 3, 4, 6, 8, 10, 15, 20 dioptries). Parallel optical path. Dust protection. Oto-ophthalmoscope with shockproof case, including accessories (ear specimens). Power source AA batteries.	4	Unit	
31	Nebulizer	High efficiency nebulizer for respiratory therapy: Quiet operation with internal cooling, average outlet pressure 18 PSI. Including micro-nebulizer, nozzle and hose. Autoclaving micro-nebulizer and nozzle.	4	Unit	

item	Name	Technical description	Quantity	Unit	Image
32	Neck immobilizers	Specifically designed to provide firm, mechanical support for the neck and chin, effectively restricting cervical movement. Type of immobilization: Rigid, which significantly limits the flexion, extension and rotation of the cervical spine with high-strength velcro fasteners for safe and personalized positioning around the neck circumference.	6	Unit	
33	Stethoscope	Classic double-headed stethoscope made of anodized aluminum for extreme lightness. The side of the fiberglass diaphragm detects S1 and S2 heart sounds as well as Korotkoff sounds. The side of the bell is optimally designed to evaluate S3 and S4 heart sounds.	40	Unit	
34	Roll measuring tape	Roll measuring tape for newborn or pregnant, rollable, 72 inches.	20	Unit	

LOT 2: HUMAN ANATOMICAL MODELS AND MEDICAL SIMULATORS

item	Name	Technical description	Quantity	Unit	Image
1	Infant CPR dummy	Infant CPR dummy: CPR simulator ideal for training in pediatric cardiopulmonary resuscitation and chest compressions, available to simulate human connection through scanning QR code with mobile terminal, with built-in lithium battery in simulated human, which	2	Unit	

		supports outdoor CPR training or examination, the operation process will be guided through voice messages at all times during the training mode, which can simultaneously show compression, the air blow, the circulation count and the error message. Full-body baby dummy with markings to practice CPR techniques realistically. One-piece sanitary mouth-lung protection system, with removable chest for easy installation of the mouth-lung bags. Including carrying bag.			
2	Maternal Dummy	PATIENT SIMULATOR FOR MATERNAL AND NEONATAL CARE: Full-size female figure, articulated and full body. The eyes may be open or closed. Normal pupillary states, miosis (constriction), and mydriasis (dilation). The independent left/right pupillary states simulate consensual and non-consensual responses. Airway intubable with chest elevation eCPR. Arm for intravenous administration of drugs/fluids. Removable stomach sheath. Practice the Leopold's maneuvers. Multiple fetal heart sounds. Automatic delivery system. Measuring head descent and cervical dilation. Multiple placental locations. Replaceable dilated cuffs. Practice postpartum suture	2	Unit	

		in vulvar insertions. A baby being born with placenta. PEDI® Blue neonatal simulator with SmartSkin, module on postpartum hemorrhage and palpation, with monitoring and recording of chest compressions and ventilators with OMNI Code Blue Pack. Information on your OMNI device or any Windows computer.			
3	Newborn Dummy	PVC material, dimensions 52 cm high, 22 cm wide and 14 cm thick, for bath care, changing clothes, diapers, caring for the umbilical cord, eyes and ears and demonstration of breastfeeding.	4	Unit	
4	Articulated human skeleton	Bone system (skeleton) of real size, at the base. Its articulated parts allow movement. Mounted on a base with wheels. The skull opens for detailed structural analysis. Natural size 1.70 m. Painted in red and blue for muscles. Spine with disks, tendons and nerves.	2	Unit	
5	Intravenous training arm	The eight major venous blood vessel systems distributed in the arm allow for intravenous (blood) injections and infusions, blood draws and other puncture training functions. The sense of failure is clearly perceived when inserting the needle; with the correct puncture, blood is obtained; and veins and skin can be placed.	2	Unit	

6	Half-body CPR training dummy	It allows the opening of the airway. It allows artificial respiration and external cardiac compression. During artificial suction, it allows the volume of insufflation to be assessed by lifting the chest. External chest compression, correct compression depth: 5-6 cm. Correct compression point: yellow indicator. Adequate compression depth: green indicator. Excessive compression depth: red indicator. Operating frequency: ≥ 100 times/min.	2	Unit	
7	Removable human torso	Human torso real size, 24 pieces. Dimensions: 38 x 24 x 85 cm approx. Weight: 8750 g approx. Contains the following parts: Head - 1 piece, Brain - 1 piece, Eye - 1 piece, Chest - 1 piece, Torso - 1 piece, Lungs - 2 pieces, Heart - 2 pieces, Liver - 1 piece, Stomach - 2 pieces, Intestine - 2 pieces, Kidney - 1 piece, Artery and Vein - 1 piece, Male Genital Organ - 4 parts, Female Genital Organ - 3 parts, Vertebra - 1 piece, 7a Vertebra - 1 piece.	2	Unit	

8	Male and female catheterization simulator	Male simulant features: Anatomical structure design of the male internal and external genitals, male catheterization, enema, fistula, intramuscular injection into the gluteus and intramuscular injection into the vast lateral. When the catheter is inserted into the bladder, urine flows through its opening. By traversing the mucosal fold, bulge and inner urethral sphincter, students experience a realistic sense of stenosis. Catheter insertion is facilitated by modifying the body and penis position. Female simulant features: The model shows the female external genitals, female thigh abduction, female catheterization, an enema, a fistula, an intramuscular injection into the gluteal area and an intramuscular injection into the vast lateral area. When inserting the catheter into the urethra and accessing the bladder through the urethral sphincter, real resistance and pressure is experienced. When the catheter enters the bladder, urine flow is simulated.	2	Unit	
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7. DELIVERY ADDRESSES:

José Luis López National Institute, Jocoro District, Morazán Sur Municipality, Morazán department

Link: <https://maps.app.goo.gl/qieJyseMbWoQdym5A>

National Institute of Armenia, District of Armenia, Sonsonate East Municipality, Sonsonate Department.

Link: <https://maps.app.goo.gl/2yy4QDXwD21PtQZS7>

8. DISTRIBUTION BY SITE:

Refer to Annex I of these terms of reference for the distribution by site.

9. DELIVERY TIME

The expected delivery time for the goods is sixty (60) calendar days; if you are in a position to make immediate delivery, please specify this in your offer.

ANNEX 1: DISTRIBUTION OF DELIVERIES

LOT 1: HOSPITAL FURNITURE, MEDICAL EQUIPMENT, CLINICAL INSTRUMENTS

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
1	Small steriliser autoclave	Autoclave Sterilization System, Timer and Water Evacuator Included, Table Model. Capacity 24 Liters. 2 Safety valves. Drain tap. Double scale manometer (pressure and temperature). Sterilization volume: 24 L. Pressure: 0.14-0.16Mpa. Maximum pressure: 0.165Mpa. Pressure adjustment range: 0.05-0.14 Mpa. Timer range: 0-60min. Power consumption: 2KW / AC110V.60Hz. Dimensions: 41 x 41 x 52 cm.	Unit	1	1	2
2	Surgical tray	For instruments, mirror polished, sterilizable, Material: Made of surgical grade stainless steel (304), which is corrosion resistant and easy to sterilise, with dimensions of 27 x 20 x 2 cm., differences +/- 3 cm are accepted.	Unit	2	2	4

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
3	Instrumental set 14 pieces	Set of 14 pieces in synthetic leather case including: - 1 dissection clamp with and without claw. - 1 needle holder clamp. - 1 mosquito stick. - 1 straight and curved Kelly clamp. - 1 Rochester clamp. - 1 beveled, eye-style probe. - 1 iris scissors. - 1 may scissor. - 1 fine dissection clamp. - 1 knife handle 3 and 4 and knife leaves. In its synthetic leather case.	Unit	2	2	4
4	Sterile fabric fields	Set of reusable surgical cotton cloth fields, washable and autoclavable.	Unit	20	20	40
5	Cistern Lister	Lister button or bandage scissors in 5.5-inch stainless steel for safe cutting.	Unit	15	15	30
6	Electric hospital bed	Easy-clean, anti-corrosion mechanical manual bed with flat metal surface (no springs). Epoxy-coated structure, with side folding aluminium alloy rails and removable ABS engineering plastic headers. Height adjustable, between 52 and 72 centimeters approx. Load capacity: 200 kg approx. Total bed width 94 cm approx. Total length of the bed 214 cm approx. Adjustment of positions through 3 handles located on the side of the feet, which will manipulate the different movements of the bed. Side railings in polished steel with ABS surface, completely collapsible. Four (4) rotating wheels of approx. 12.5 cm diameter. , with brake, easy to move. Impact protector in every corner of the bed. ACCESSORIES: 1-Mattress, 1-Ratchet built into the bed.	Unit	1	1	2

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
7	Hospital-type mattress	The hospital mattress has the following components: a) High-density polyurethane foam from 32 to 35 kg/m ³ with minimum tear resistance of 194 N/m and minimum stress of 70 kPa. b) Fabric lining laminated with textile support Double Face, blue color (institutional) with L-shaped closure and two (02) breathing holes on each side, four (04) in total. Hypoallergenic, waterproof and easy to clean. Compatible with mattress dimensions. Dimensions: 200 cm (+/- 2 cm) long, 90 cm (+/- 2 cm) wide, 15 cm high.	Unit	1	1	2
8	Biombos	Biombo 3 bodies constituted by a stainless steel structure and has three vertical rectangular frames that would form the bodies of the biombo, built in round tube, each frame or body carries in the central part a vinyl curtain (PVC) or Plastic Clinical, which covers 84% of the surface and the three bodies are joined together by means of metal hinges. On the bottom it carries wheels so that it can be moved. Independent folding bodies. Removable vinyl (PVC) or clinical plastic curtains.	Unit	2	2	4
9	Stainless steel reclining gynecological sofa	Stainless steel gynecological reclining sofa with stirrups, 2 inches thick foam lined with vinyl, washable upholstery. Approximate dimensions: 180 x 60 x 79 cm.	Unit	1	1	2
10	Food table	Dining table with formic tray for patient feeding. Structure made of 1 1/2" square steel pipe, 18 gauge. Top cover lined with a 0.38 m wide by 1 m long formic. With adjustable height activated by means of drill in a range from 0.75 m to 1.20 m. Electrostatic powder application epoxy paint finish, with high adhesion and depth and excellent resistance to the hospital environment. Protective bezel or plastic reinforcement around the tray, aesthetic, in gray PVC, which does not stain the walls.	Unit	2	2	4

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
11	Mesa Mayo	Mayo stainless steel table with hydraulic or manual lift by roller, with lifting system, equipped with 2 to 4 wheels of 2 to 3 inches in diameter, with 360° rotation, has a tray from 45cm to 50cm wide, and 60 cm to 65 cm long, designed to withstand a minimum weight of 15-20 kg.	Unit	2	2	4
12	Atril	4 hooks. 4 rubber wheels that provide transport and maneuverability. Chromed steel provides strength and durability. Height range of 40"-82". The locking collar allows for easy height adjustment.	Unit	2	2	4
13	Pediatric table with scale and gauge	Made of steel sheet with thermoset or enameled paint finishes, with a mattress lined with waterproof vinyl or medical grade, with comfortable support for the infant. Commonly designed in cabinet format including quiet drawers and doors for organized storage of instruments, healing material or clinical sheets, integrated infantometer (graduated from 0 to 100 cm), with included scale.	Unit	1	1	2
14	Scales with gauge	Classic design. 53.5 * 27.5 cm non-slip platform and plastic powder-coated steel structure. Weight reading in kg/lb. Tallometer from 75-200cm. Capacity up to 220 kg / 500 lb. Split into 100 G. Two rear wheels for easy movement. Easy to install and maintain, with tower-shaped column. With calibration certificate.	Unit	2	2	4
15	Blood drawing chair	Chair takes samples. Painted iron structure. With two drawers. With adjustable arm holder. Arms holder tucked. Seat and backrest with vinyl lining. 2-inch polyurethane seat. No seams to prevent filtration. Approximate dimensions: Total width 96 cm; Seat 55 cm front, 43 cm bottom; Backrest 55 cm front, 45 cm high.	Unit	1	1	2

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
16	Archivist	Metal filing cabinet of 4 black drawers, measures 1.30 m x 0.49 m Width x 0.62 m depth in each drawer, with safety plate.	Unit	1	1	2
17	Medicine cabinet	Display case or cabinet of 1 body for painted medicine. With an upper door with glass and sheet metal, white paint with baking blue, with flatters, with two glass interliners, with a drawer without sheet metal, with an lower door without sheet metal with vanishing, with a garnish. Approximate dimensions: 45 cm front x 45 cm bottom x 170 cm high.	Unit	1	1	2
18	70-inch 4K TV screen	Screen size 70". Resolution: 3,840 x 2,160. LED technology, HDR, HDMI 3 inputs, USB 1 input, 20W audio power, Bluetooth, WiFi connection.	Unit	1	1	2
19	Hospital bed blanket kit	Adaptive bedsheet set for clinical beds (countertop, bottom and pillow cover). Bottom blanket (with elastic band): Approx. 91 cm wide by 203 cm long, with deep pockets (15 to 25 cm) adapted for thick clinical mattresses. Sheet top: approx. 1.50 m wide by 2.50 m to 2.60 m long. Pillow cover: approx. 48 cm by 70 cm. White.	Unit	3	3	6
20	Clinical Sheet (Barrier Tech)	Clinical sheet, white with a minimum of 160 threads, high-tech with an antimicrobial barrier and impermeable to fluids.	Unit	3	3	6

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
21	plastic duck	High-density polyethylene (HDPE) material, Volume capacity: 2.5 to 3.0 liters (2500 cc - 3000 cc), Structurally designed to withstand the pressure of an adult body weight up to 90 kg - 110 kg. Total length: 34 cm to 38 cm, Back width (wide area): 26 cm to 28 cm, Front width (narrow area): 13 cm, Height / Depth: 8 cm to 10.5 cm. Rounded edges: completely smooth and seamless finishes, Anatomical shape: Its softened and low profile contour minimizes pressure on the patient's lumbar and sacral area, smooth surface.	Unit	3	3	6
22	Digital arm blood pressure monitor	Measurement range: 0-300mmHG(pressure) 40-200 Pulse/min. 21-record memory storage. 4 AA batteries. Standard adult bracelet.	Unit	3	3	6
23	Manual blood pressure monitor	1 adult bladder bracelet, 1 0-300mmHG manometer, 1 two-valve inflator pear, 1 vinyl case.	Unit	3	3	6
24	Pulse Oximeter	Easy-to-read digital LED display. Simple operation with a single button. Automatic power off for battery conservation. Adjustable by adult or pediatric finger. SPO2 measurement range: 0% to 100%, pulse: 30 to 235 bpm. Accuracy: 2-3. Low battery indicator.	Unit	3	3	6
25	Glucometer	Glucometer including: 1 Glucometer, 10 Lancets, 1 Stapler, 1 bottle of 10 strips, 1 battery pack, case and instruction manual. Automatically encoded when inserting the strip, with 200 memories. With a box of 50 reactive strips.	Unit	3	3	6

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
26	Infrared thermometer	Body temperature +32 to +42 °C. Surface temperature 0 to +60 °C. Emissivity: fixed 0.95. Display: backlit LCD. Response time: 500 m/sec. Indication on scale: "HI" (high) or "LO" (low). Working temperature: 0 to +50 °C. Humidity: 10-90% RH. Power supply: 2 AA batteries. Automatic shutdown: 7 seconds (approx.). Size: 160 x 82 x 42 mm.	Unit	3	3	6
27	Fetal Doppler	Compact size ultrasonic transducer. With 1.5 V AA battery support. Audio recorder function. With backlit LCD screen. Precise fetal heart detection with high-fidelity sound. Support 2 MHz, 3 MHz, 4 MHz, 5 MHz, 8 MHz waterproof probes. Automatic and manual fetal heart rate counting. Interchangeable water-resistant probe. Automatic shutdown.	Unit	3	3	6
28	Wheelchair	The Adult Adjustable Wheelchair with leg lift, with 18-inch wide wheel brakes and seat, with removable foot holder, sturdy wheels and nylon upholstery. Can support up to 200 pounds in weight.	Unit	1	1	2
29	Diagnostic lamp	3.5V halogen light, solid brass/bronze or high-strength aluminum construction with black metal finish, ignition mechanism: Integrated clamp that acts as a switch when pressed against the body (pen type). Length: 145 mm (about 6 inches, 1 inch difference is accepted). Diameter: 13 mm (1.2 inches with clip).	Unit	2	2	4
30	Oto-ophthalmoscope	OTO-OPHTHALMOSCOPE set with LED light and resistant to disinfection. Uniform visual field illumination. Includes disposable ear specimens (4 x 2.5mm, 4 x 4mm). LED light ophthalmoscope with warm and cool light option for diagnosis with higher contrast, brightness and efficiency. Lens mount with 18 corrective lenses (+/- 1, 2, 3, 4, 6, 8, 10, 15, 20 dioptries). Parallel optical path. Dust protection. Oto-ophthalmoscope with shockproof case,	Unit	2	2	4

item	Name	Technical description	Unit	National Institute of Armenia	Instituto Nacional José Luis López	Total
		including accessories (ear specimens). Power source AA batteries.				
31	Nebulizer	High efficiency nebulizer for respiratory therapy: Quiet operation with internal cooling, average outlet pressure 18 PSI. Including micro-nebulizer, nozzle and hose. Autoclaving micro-nebulizer and nozzle.	Unit	2	2	4
32	Neck immobilizers	Specifically designed to provide firm, mechanical support for the neck and chin, effectively restricting cervical movement. Type of immobilization: Rigid, which significantly limits the flexion, extension and rotation of the cervical spine with high-strength velcro fasteners for safe and personalized positioning around the neck circumference.	Unit	3	3	6
33	Stethoscope	Classic double-headed stethoscope made of anodized aluminum for extreme lightness. The side of the fiberglass diaphragm detects S1 and S2 heart sounds as well as Korotkoff sounds. The side of the bell is optimally designed to evaluate S3 and S4 heart sounds.	Unit	20	20	40
34	Roll measuring tape	Roll measuring tape for newborn or pregnant, rollable, 72 inches.	Unit	10	10	20

LOT 2: HUMAN ANATOMICAL MODELS AND MEDICAL SIMULATORS

item	Name	Technical description	National Institute of Armenia	Instituto Nacional José Luis López	Total
1	Infant CPR dummy	Infant CPR dummy: CPR simulator ideal for training in pediatric cardiopulmonary resuscitation and chest compressions, available to simulate human connection through scanning QR code with mobile	1	1	2

		terminal, with built-in lithium battery in simulated human, which supports outdoor CPR training or examination, the operation process will be guided through voice messages at all times during the training mode, which can simultaneously show compression, the air blow, the circulation count and the error message. Full-body baby dummy with markings to practice CPR techniques realistically. One-piece sanitary mouth-lung protection system, with removable chest for easy installation of the mouth-lung bags. Including carrying bag.			
2	Maternal Dummy	PATIENT SIMULATOR FOR MATERNAL AND NEONATAL CARE: Full-size female figure, articulated and full body. The eyes may be open or closed. Normal pupillary states, miosis (constriction), and mydriasis (dilation). The independent left/right pupillary states simulate consensual and non-consensual responses. Airway intubable with chest elevation eCPR. Arm for intravenous administration of drugs/fluids. Removable stomach sheath. Practice the Leopold's maneuvers. Multiple fetal heart sounds. Automatic delivery system. Measuring head descent and cervical dilation. Multiple placental locations. Replaceable dilated cuffs. Practice postpartum suture in vulvar insertions. A baby being born with placenta. PEDI® Blue neonatal simulator with SmartSkin, module on postpartum hemorrhage and palpation, with monitoring and recording of chest compressions and ventilators with OMNI Code Blue Pack. Information on your OMNI device or any Windows computer.	1	1	2

3	Newborn Dummy	PVC material, dimensions 52 cm high, 22 cm wide and 14 cm thick, for bath care, changing clothes, diapers, caring for the umbilical cord, eyes and ears and demonstration of breastfeeding.	2	2	4
4	Articulated human skeleton	Bone system (skeleton) of real size, at the base. Its articulated parts allow movement. Mounted on a base with wheels. The skull opens for detailed structural analysis. Natural size 1.70 m. Painted in red and blue for muscles. Spine with disks, tendons and nerves.	1	1	2
5	Intravenous training arm	The eight major venous blood vessel systems distributed in the arm allow for intravenous (blood) injections and infusions, blood draws and other puncture training functions. The sense of failure is clearly perceived when inserting the needle; with the correct puncture, blood is obtained; and veins and skin can be placed.	1	1	2
6	Half-body CPR training dummy	It allows the opening of the airway. It allows artificial respiration and external cardiac compression. During artificial suction, it allows the volume of insufflation to be assessed by lifting the chest. External chest compression, correct compression depth: 5-6 cm. Correct compression point: yellow indicator. Adequate compression depth: green indicator. Excessive compression depth: red indicator. Operating frequency: ≥ 100 times/min.	1	1	2
7	Removable human torso	Human torso real size, 24 pieces. Dimensions: 38 x 24 x 85 cm approx. Weight: 8750 g approx. Contains the following parts: Head - 1 piece, Brain - 1 piece, Eye - 1 piece, Chest - 1 piece, Torso - 1 piece, Lungs - 2 pieces, Heart - 2 pieces, Liver - 1 piece, Stomach - 2 pieces, Intestine - 2 pieces, Kidney - 1 piece, Artery and Vein - 1 piece, Male Genital Organ - 4 parts, Female Genital Organ - 3 parts, Vertebra - 1 piece, 7a Vertebra - 1 piece.	1	1	2
8	Male and female catheterization simulator	Male simulant features: Anatomical structure design of the male internal and external genitals, male catheterization, enema, fistula, intramuscular injection into the	1	1	2

		gluteus and intramuscular injection into the vast lateral. When the catheter is inserted into the bladder, urine flows through its opening. By traversing the mucosal fold, bulge and inner urethral sphincter, students experience a realistic sense of stenosis. Catheter insertion is facilitated by modifying the body and penis position. Female simulant features: The model shows the female external genitals, female thigh abduction, female catheterization, a enema, a fistula, an intramuscular injection into the gluteal area and an intramuscular injection into the vast lateral area. When inserting the catheter into the urethra and accessing the bladder through the urethral sphincter, real resistance and pressure is experienced. When the catheter enters the bladder, urine flow is simulated.			
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