# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of** Equipment in the Framework of TCCWB Project **p 1 /…**

**Publication reference:** TCCWB/101128620/PB7/SUP/01/1

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | Advanced Intravenous Injection Arm for I.V venipuncture and injection arm model - dark skin model  Description This training arm provides complete venous access for IV therapy, phlebotomy, intramuscular and intradermal injections. An extensive 8-line vascular system allows students to practice venipuncture at all primary and secondary locations, including starting IVs and introducing Over the Needle IV Catheters.  Soft, flexible fingers are molded separately with extreme attention paid to every detail - right down to the fingerprints! Flexion of the wrist helps students develop manipulation skills. The replaceable skin rolls as the veins are palpated, and a discernible "pop" is felt when entering the veins. Key Features Simplified setup with one external fluid bag supplying artificial blood to all veins simultaneously  Dorsal surface of hand includes injectable metacarpal, digital, and thumb veins. Antecubital fossa includes the median cephalic, median basilic, and median cubital veins  Venipuncture can also be performed along the basilic, cephalic, accessory cephalic, and median antebrachial veins  Intramuscular injections may be performed in the deltoid muscle and intradermal injection sites are located in the upper arm.  Intramuscular injections into the deltoid muscle are enhanced by the soft, lifelike skin and by the natural bony landmarks in the region.  Intradermal injections using distilled water will create characteristic skin welts at designated sites on the upper arm |  |  |  |
| **2** | Life Size Advanced Suture Practice Arm Models Medical Teaching Model-dark skin model  Description: Suture Training Arm offers the possibility for suture training that is a lot more complex than with regular suture pads. Given its movable hand and fingers, even challenging sutures in hard to reach places like between the fingers can be practiced. Both the skin and the subcutaneous tissue are represented for a life-like suturing experience.  The instructor can inflict wounds independently wherever needed on the arm. Their size and form can be customised, leaving room for a large variety of training possibilities. Additionally, each wound can be sutured several times, making this trainer very economic and suitable even for larger skill training classes.  Movable fingers for suture training of challenging wounds between fingers  Skin and subcutaneous tissue differentiated for realistic suture experience  Wounds can be inflicted by instructor anywhere on the training arm  Each cut can be sutured several times  Surgical staples procedure possible |  |  |  |
| **3** | Medical nursing model human buttock intramuscular injection model-preferably dark skin model  Features:This model can be worn by trainees and is suitable for two students to practice in pairs: one acts as the nurse and the other as the patient.  It simulates the adult buttock structure with exquisite and lightweight design, providing a more realistic environment. Moreover, the skin texture is very realistic, and the needle insertion marks are not obvious.  The anatomy is precise, and it has an electronic alarm display function:  - When the needle is correctly inserted into the normal position during puncture, depth of light display.  - When the needle is inserted at the wrong position during puncture, a light display and electronic alarm are triggered.  - When the needle is inserted at the correct position but too deep during puncture, depth of light display and electronic alarm are triggered.  When the injection site is correct, simulated liquid can be injected and discharged through the internal drainage tube. |  |  |  |
| **4** | Advanced Electronic Half-Body Pulmonary Resuscitation Training Simulator  Features: Product Function Introduction  1. Three electronic indicator lights on the left shoulder of the device display. When powered on, it starts in training mode with a pressing rhythm sound.  2. It can be used for both chest compression and artificial respiration training.  3. Voice prompts: Available in both Chinese and English, accurately indicating the specific reasons for operational errors.  4. Monitoring and feedback: The electronic display provides real-time feedback on the location and depth of chest compressions (yellow light for insufficient compression, green light for correct compression, red light for excessive compression), as well as the opening of the airway and the volume of breath during artificial respiration (yellow light for insufficient breath, green light for correct breath, red light for excessive breath). |  |  |  |
| **5** | Full functional nursing manikin, Blood pressure measurement - preferably dark skin model  Features:  Eye sensing: the human body is closed after lying down, and the eyes are open after sitting.  Arm blood pressure measurement operation training  Wash and comb your hair and wash your face  Eye and ear cleaning drops  Oral care,  Denture care  Tracheal intubation  Tracheotomy nursing  Sputum aspiration  Oxygen inhalation method  Oral and nasal feeding  gastrolavage  Thoracic drainage  Peritoneal drainage  Arm venipuncture, injection, infusion (blood)  Deltoid subcutaneous injection  Lateral femoral muscle injection  Thoracic cavity, abdominal cavity, liver cavity, bone marrow, lumbar puncture  Breast care, breast examination  enema  Female catheterization  Male catheterization  Female bladder irrigation Fistula drainage Colostomy  Gluteal intramuscular injection  Holistic care: scrubbing, dressing, heat and cold therapy  Limb joints bend, rotate, and move up and down  Trauma assessment and care: disinfection, cleaning, dressing change, hemostasis, bandaging |  |  |  |