KL Wig Centre for Medical Education & Technology (CMET)

CSL/2014-15/Stores/CMET January 15, 2015

On behalf of Director, AIIMS, sealed quotation based on two bid system (technical and financial bid) are invited from the vendors/manufacturers for the supply of medical simulators as per the specifications attached. CMET reserve the right to increase of decrease the number of items. Quotations must reach at the K L Wig CMET, 1st Floor near BB Dixit Library, AIIMS New Delhi on or before *Wednesday, 28 Jan, 2015 at 5.00 pm. Technical bid will be opened on Thursday, 29th Jan, 2015 at 10.30 AM.*

General terms and conditions

1. Each item will be treated as a separate item. You can quote for all or for any individual item.
2. Must mention the name of the item on both envelops, technical and financial bid, for each item.
3. Please attach the brochure and compliance statement of the product quoted, with the technical bid.
4. Technical committee may ask for the demonstration of the product before opening the financial bid.
5. Successful firm will need to furnish bank guarantee of the 10% of the total price (rounded of thousand) for the duration of the warranty period. It will be released after the guarantee/warrantee/AMC period subject to satisfactory performance.
6. The firm must provide a comprihansive warrenty of two year or more as provided by the principal for the item(s) quoted.
7. In case of repair or fault in equipments the vendor should respond within one working day to solve the routine problems.
8. The major problems which require replacement of parts or equipment, the vendor should provide equivalent back up and get the item replaced within 7 working days with the equivalent or better equipment from OEM.
9. In case the vendor fail to repair or replace the item within the time stipulated, AIIMS is free to get the same repaired replaced at the cost of the vendor, the bank guarantee forfeited and AIIMS may take steps to black list or initiate legal procedure.

Chief
K L Wig CMET

Item No. 3: Male Catheterization Training Model — Quantity: 2 Sets

Skills training and practice

Techniques of balloon catheter insertion, fixation and removal in a male patient

Specifications

1. Model should have realistic representation of the life size male anatomy for urethral catheterization with convincing tactile feedback and fluid flow.
2. Should be made of special silicone rubber giving a soft and realistic feel.
3. Should incorporate a supple urethra and resistance at the sphincter, providing a realistic response.
4. The model should move exactly like a real human penis, so that practice holding the penis stationary may be performed.
5. The urethral canal should be such that if penis is not raised to the proper position, insertion becomes more difficult.
6. The side and the back of the model urethra and bladder should be transparent, enabling full visibility of catheter insertion & presence of balloon inside the bladder.
7. A bladder of capacity of 500 ml or more should be provided.
8. Should have a storage case.
9. It is mandatory to indicate the life and price of replaceable/consumable parts, if any.
10. The Technical Committee may ask for demonstration of the product before opening of financial bid.
11. At the time of installation the firm will provide training to the faculty members.

Item No. 4 : Female Catheterization Model — Quantity: 2 Sets

Skills training & practiced

Techniques for urethral catheterization, fixation and removal in a female patient.

Specifications

1. The female torso model should have genitalia and urethra that simulate female anatomical structure precisely so that the practice of catheterization is a realistic sensation. The vulva and urethral opening should be anatomically correct.
2. The turgescence of the bladder should be recognized by palpation.
3. A bladder of a capacity of 500 ml or more should be provided.
4. When a catheter is inserted through the urethra and enters the bladder, artificial urine should flow from the catheter.
5. The model should be supplied with a self retaining catheter and a storage bag.
6. Should have a storage case.
7. It is mandatory to indicate the life and price of replaceable/consumable parts, if any.
8. The Technical Committee may ask for demonstration of the product before opening of financial bid.
9. At the time of installation the firm will provide training to the faculty members.

Item No. 5 Examination & Diagnostic Breast Trainer Quantity: 2 Sets

Skills practice & training

- Clinical breast examination technique
- Diagnosis of pathologies- cyst, fibroadenoma, carcinoma
- Self-examination technique

Specifications

1. Model should be made of soft silicon with realistic human breast like feeling.
2. The model should comprise of examination & diagnostic breast and rigid two part plastic base.
3. It should respond to gentle palpation in a realistic way.
4. It should have lumps which could simulate cyst, fibroadenoma and carcinoma.
5. It should have lymphonodi detectable both at axillar and cervical region.
6. It should show depression of the nipple.
7. It should show changes in the skin.
8. It should be stable so as to carry out practice and inspection comfortably.
9. The base of the model should be light weight and compact allowing for self examination and table top presentation.
10. The skin surface should be washable using soap and water
11. Should have a storage case.
12. It is mandatory to indicate the life and price of replaceable/consumable parts, if any.
13. The Technical Committee may ask for demonstration of the product before opening of financial bid.
14. At the time of installation the firm will provide training to the faculty members.

Item No. 9: Airway Suction Training Model — Quantity: 1 Sets

Skills training & Practice

- Insertion of catheter through oral cavity, nasal cavity or through tracheostomy opening
- Temporary airway suction
- Care of tracheostomy

Specifications

1. The model should have realistic anatomy including mouth, tongue, oral and nasal pharynx, larynx, epiglottis, vocal cords, trachea and oesophagus, for teaching catheterization and temporary airway suction.
2. Suction catheter can be inserted into nasal and oral cavities, and simulated sputum can be suctioned.
3. Suction catheter can be inserted into the tracheostomy opening site, and intrabronchial suction can be practiced.
4. The model should incorporate an observation window on one side of the face, to allow the passage of the catheter to be demonstrated and explained to the trainees, and also to confirm/assess the position of the catheter in relation to the anatomical structures of the nasal cavity, oral cavity and cervical region.
5. Sticky simulated sputum should be available and can be put into the nasal & oral cavities and trachea, to enhance the effectiveness of training in realistic settings.
6. Trachea and bronchus can be easily flushed clean after use.
7. Face and neck skin can be removed for cleaning and should be replaceable.
8. The model should be accompanied by 2 catheters and a bottle of synthetic sputum.
9. Should have a storage case.
10. It is mandatory to indicate the life and price of replaceable/consumable parts, if any.
11. The Technical Committee may ask for demonstration of the product before opening of financial bid.
12. At the time of installation the firm will provide training to the faculty members.