



Running Contract Details	
Equipment Name	Trauma training simulator
Running Contract Valid Till	20-12-2024
Tender Ref No	KMSCL/EP/T446/1458/2022
Tendered Quantity	5
Supplier Name	M/s Universal Agencies
GST No	32AAAFU5662Q1ZQ
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
Palakkal Angadi Thrissur-680001	Contact Person	Mr. Renjith Menon, Mr.Manoj kumar
	Phone	0487-2440319, 0487-2427031
	Mobile No	9072844272, 9447053244
	Email	uniage.sales@gmail.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	Trauma training simulator <i>Model & Make : 1. Resusci Anne Simulator 2. SimPad LLEAP 3. All in One Panel PC 4. First Aid/ Trauma Module 5. Bleeding Control Leg Set 6. Cricoid Stick Trainer / LAERDAL MEDICAL</i>	1499993.58 Incl.GST :18%	104999.55	1604993.13
2	Tracheostomy tube- Appropriate for the tracheal size - For Future Procurement	1380.6 Incl.GST :18%	96.64	1477.24
3	Skin for neck - For Future Procurement	3717 Incl.GST :18%	260.19	3977.19
4	Hard trachea - For Future Procurement	4024.98 Incl.GST :18%	281.75	4306.73
5	Soft Trachea - For Future Procurement	3681.6 Incl.GST :18%	257.71	3939.31
6	Percutaneous cricothyroidotomy set - For Future Procurement	13806 Incl.GST :18%	966.42	14772.42

Item-wise Price Details							
				1526603.76	106862.26	1633466.02	
Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
Trauma training simulator							
Labour	10,000.00	10,000.00	10,000.00	15,000.00	20,000.00	20,000.00	20,000.00
Comprehensive	55,000.00	55,000.00	60,000.00	60,000.00	65,000.00	65,000.00	70,000.00

Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender document).
2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

Technical Specification

Equipment :Trauma training simulator

I. Full body Mannequin for Trauma

1. The mannequin model should be a full body with correct anatomical landmarks. Should be compatible with addition of various types of trauma modules including burns, bleeding modules, fracture modules etc.
2. The model should allow following airway features
 - a. Oropharyngeal and nasopharyngeal airway insertion.
 - b. Bag-Valve-mask. (BVM).
 - c. Supraglottic Airway Devices.
 - d. Head tilt, Chin Lift, and Jaw thrust sensors with Auto Log.
 - e. Oesophageal intubation
 - f. Ability to use hard cervical/ Philadelphia collar
3. The model should have following breathing features.
 - a. Ability to create operated generated respiratory rate-on the monitor.
 - b. Realistic chest rise and fall.
 - c. Ability to auscultation of lung sounds.
 - d. Should be able to give feedback on ventilation.
 - e. Should have facility for IV and fluid bolus- The model should provide IV arm for proficiency in vein puncture and IV administration.

4. The model should have following circulation features

- a. Ability to measure pulse rate, BP and display the same on the monitor.
- b. Should be able to generate carotid pulse automatically and synchronized with ECG.
- c. Should have ability for defibrillation (AED and manual) with dynamic ECG changes.
- d. Should have facility for insertion of IV Cannula and provision of administration of IV fluids.
- e. Should be able to attach chroma modules to train haemorrhage control, like fracture femur and fracture of extremities.
- f. Should have the ability to train for pelvic binding and log rolling.
- g. Should have CPR quality assessment- Mannequin should provide feedback on depth, recoil, rate, hand position and interruption.
- h. Should be able to perform IO insertion on the leg.

5. The model should have following disability features

- a. Ability to communicate with the mannequin for verbal score assessment.
- b. Should be able to have real time pupil response or interchangeable pupils for fixed response.
- c. Should be able to log roll the mannequin and training for usage of spine board.

6. Should have de-briefing facility-detailed log file for every session should be saved automatically like jaw thrust, Pulse Check, etc. Should be easy to access any time. The feedback system should have facility to log ABC events and medications which shall be retrieved during debrief.

7. Should have facility to combine with Objective Structured Clinical Examination (OSCE) device, advanced audio video debriefing device to enhance the training.

8. Should have wireless simulated monitor to provide ECG, SpO2, ETCO2, ABP, NIBP parameters.

9. Should supply articulated arms and legs with simulated wounds, arms and legs feature a selection of simulated burns, cuts, and fractures. Limbs articulation allows for realistic patient handling and immobilization training.

Two sets of following accessories

- a. Laryngoscope
- b. AMBU Bag adult
- c. Combitube
- d. Kings Airway
- e. ET tube- Size 7
- f. Oropharyngeal airway- all sizes
- g. Nasopharyngeal airway- all sizes
- h. Adjustable Collar for neck stabilization
- i. Full body carrying case for storage and transport – 1 set.

10. Surgical Airway trainer

- a. Needle and surgical cricothyrotomy skills can be practiced on, with interchangeable rigid and soft tracheas.
- b. Anatomically accurate landmarks.
- c. Rigid trachea with simulated lung.
- d. Soft trachea with simulated lung.
- e. Replaceable neck skin allowing repeated practice.
- f. Mounted on a base.

11. Following accessories to be supplied as standard as per the number mentioned against each item.

- a. Tracheostomy tube- appropriate for the tracheal size - 1 numbers.
- b. Skin for neck – 1 numbers
- c. Hard trachea - 1 numbers
- d. Soft Trachea – 1 numbers
- e. Percutaneous cricothyroidotomy set – 1 number

Note: It is also requested to offer the rate for the above five items for the future purchases in the BOQ