

CORRIGENDUM -I

In continuation of this office Tender Notice of even number 14788-94 dated 23-11-2020 vide which tender for procurement of items/material for setting of Skill/Life Support Lab. in Dr. RKGMC Hamirpur (HP) was floated & published on 24/11/2020.

In this context, the specifications of items/material for setting of Skill/Life Support Lab have been revised as per annexure-I. The date of submission, opening of tender is hereby also extended as per detail given below:-

1. Date of purchase from counter : up-to 26-12-2020 (office hours)
2. Date of submission of Tender Form : 28-12-2020 up-to 05:00 PM
3. Date of opening of Tender : 29-12-2020 at 12:30 PM

All the prospective bidders are requested to participate in the tender as per revised specification and above schedule. The Tender form can be viewed & downloaded from the college website <http://www.rgmchamirpur.org/>.

Other terms & conditions of tender shall remain same. In case any date mentioned above happens to be holiday, next day will be considered as due date.

Additional Director (Admin.),
Dr. RKGMC, Hamirpur (HP).

Endst.No.as above /2019- 15980-86
Copy forwarded for information and necessary action to:-

Dated HMR the 11/12/2020

1. The Director, Information & Public Relation Department Himachal Pradesh, Shimla for wide publicity in the leading Hindi & English NEWS papers before 13/12/2020. It is requested that a copy of publication may please be supplied to this office. The bill for publication in the newspapers may please be sent to this office for further action.
2. The Director Medical Education & Research, HP Shimla-171009 for information please.
3. The Principal, Dr.RKGMC Hamirpur for information please.
4. The Medical Superintendent, Dr.RKGMC Hamirpur for information and necessary action.
5. Assistant Professor Medicine cum Nodal Officer Casualty, Dr. RKGMC Hamirpur for information and necessary action.
6. Shri Bhupesh, In-charge, Information & Technology (IT) Section, IGMC Shimla. He is requested to upload the above notice on website of this Medical College at the earliest.
7. Notice Boards Medical College, Hamirpur.

Additional Director (Admin.),
Dr.RKGMC, Hamirpur (HP).

Annexure-I

Department of Emergency Services Dr RKGMC Hamirpur

Adult CPR Manikin:

1. The manikin should be realistic in appearance, and easy to clean to prevent cross-infections.
2. The manikin should have a soft nose which can be occluded using the nose pinch technique, to teach proper CPR techniques by simulating the anatomical and physiological conditions present during CPR.
3. The manikin should be supplied with a removable full face mask.
4. The manikin should have an open oral and nasal passage which leads to the lower airway.
5. The manikin should have an articulating jaw to facilitate a modified jaw thrust manoeuvre to open the airway.
6. The manikin should be able to facilitate a head tilt/chin lift manoeuvre.
7. The manikin should have compliance similar to human body for ventilation and compressions with a visible chest rise during ventilation.
8. The manikin should have a disposable lower airway with an integral one way valve.
9. The manikin should have a completely removable chest cover.
10. The manikin should have a one piece rib/stomach plate which can facilitate abdominal thrusts.
11. The manikin should have a removable compression spring.
12. The manikin should have a compression clicker which provides audible feedback, which can be turned on and off without dismantling the manikin.
13. The face mask shall be easily changed and suitable for individual student use.
14. Manikin should be supplied with a soft padded training mat.
15. Should be compatible with AED learning system with sensor for AED pads.
16. Should be compatible for remote learning and Should have a carry case.
17. Should comply with latest CPR guidelines. The manikin should be able to withstand high temperature (50°C).
18. It should have a feedback system. The system should have facility to take print of the report. Report should have all essential information as per recent AHA guidelines and must be upgradable as per newer guidelines released in subsequent years.
19. The manikin should be able to withstand high temperature (50°C).

Paediatric CPR Manikin-

1. The manikin should be realistic in appearance, full body manikin.
2. The manikin should be supplied with a full face mask.
3. The head should be rotatable and extendable.
4. The manikin should be able to withstand high temperature (50°C).
5. The Manikin should have natural obstruction of the airway that allow students to learn the technique of opening the airway
6. Head tilt, chin lift and jaw thrust should be possible on manikin.
7. The Manikin should have realistic chest compliance for students to experience the proper technique of chest compressions in infants
8. The manikin should have visible chest raise during ventilation.
9. The Manikin should allow foreign-body airway obstruction feature to practice the release of a foreign-body obstruction through back blows and chest-thrust techniques
10. The Manikin should have removable and reusable faces for convenient cleaning and maintenance. Should be supplied with: 10 Airways, 10 FBAO pieces.
11. Should compile by latest CPR guidelines by AHA.
12. Should provide feedback on depth, chest recoil, rate of compression, interruption time and ventilation volume.
13. It should have a feedback system. The system should have facility to take print of the report. Report should have all essential information as per recent AHA guidelines and must be upgradable as per newer guidelines released in subsequent years.
14. Should allow instructor to monitor multiple students performance at one time through smart phone or device.
14. Should have a carry case.
15. Should have a remote learning facility.

Infant CPR Manikin:

1. The manikin should be realistic in appearance, Infant Full Body Manikin
2. The manikin should have a removable full-face mask.
3. The length of mannequin should not be more than 50 cm and weight should not more than 1.5 kg
4. The Manikin Skin be should realistic.
5. The manikin should be able to withstand High Temperature (50°C).
6. The Manikin Should have Natural obstruction of the airway that allow students to learn the important technique of opening the airway
7. The manikin should Head tilt/chin lift and jaw thrust should allow students to practice correctly all manoeuvres necessary when resuscitating a real patient
- 8 . Software shall be available for free downloads as many times as required providing real-time wireless feedback on compressions and ventilations
9. It shall be able to monitor and connect to get the live feedback from more than 5 individual BLS Torso mannequins simultaneously for group training.
10. It should have a feedback system. The system should have facility to take print of the report. Report should have all essential information as per recent AHA guidelines and must be upgradable as per newer guidelines released in subsequent years.
10. It shall help provide improvement tips based on CPR performance of Compression depth, rate release, time and chest compression fraction.
12. Indication of too little, OK or excessive ventilation volumes
- 13 The Manikin should allow Foreign-body airway obstruction feature to practice the release of a foreign-body obstruction through back blows and chest-thrust techniques
10. The manikin should have Economical disposable airways for quick and easy clean up
11. The Manikin should have Removable and reusable faces for convenient and affordable maintenance, Demonstration at office.

Should be supplied with 1 Manikin : 10 Airways, 10 Foreign Body Practice Objects, and manual

.

AED Trainer:

1. Should be designed to prepare emergency responders to use the AED providing variety of simulations and allow them to learn the use of AED in emergency.
2. It should have Defibrillator protector
3. Output Energy : May have different selectable energy levels.
4. Synchronized cardio version mode Charge time: less than 5 seconds. Display of delivered energy should be there.
5. Paddles: Anterior Adult and Paediatric puddles, Sterilizable , should have paddle contact indicator for good response during defibrillation, “Defib on” message display on Monitor.
6. Should prompt proper pad placement.
7. The system should have event summary. The unit must have alarms for various arrhythmias. The model should have 4 connector 3-lead feature to allow students to monitor ECG rhythms during training. The model must simulate the following cardiac rhythms in the manikin:
 - i. Normal Sinus Rhythm (NSR)
 - ii. Ventricular fibrillation
 - iii. Ventricular Tachycardia with pulse
 - iv. Ventricular Tachycardia, without pulse (pulseless)
 - v. Asystole
 - vi. PEA/EMD (pulseless electrical activity / electromechanical dissociation)
 - vii. Non shockable rhythm. (SVT)
8. Visible and audible alarms for heart rate, arrhythmia and paddles & ECG cable disconnection.
9. Unit should have in – built rechargeable battery with minimum of 2 hours of monitoring and 50 defibrillation charge and Charging automatic when ‘plugged in’. Should have cell operation also.
10. Low battery voltage message display on monitor
11. Should comply with latest ACC/AHA guidelines.
12. Should have a carry case.

Note: The models of above equipment should have been installed in any government hospitals/ medical colleges during last 3 years. Firm should be able to give physical demonstration of the equipment, if requirement by the technical committee.