



GOVT. OF ASSAM
OFFICE OF THE PRINCIPAL CUM CHIEF SUPERINTENDENT
SILCHAR MEDICAL COLLEGE & HOSPITAL: SILCHAR

No. SMC/ 2960

Dated, Silchar the

5/3/

2020

An Appeal

REQUIREMENT FOR ALS AMBULANCE AT SILCHAR MEDICAL COLLEGE

Silchar Medical College and Hospital was established in 1968 and for the last 51 years have been rendering medical care with compassion to the people of Barak Valley of Assam and the adjoining states. Annually, more than 6 lakhs patients attend the Out patient Services of the hospital with over 55,000 admissions in different departments annually.

The hospital has speciality courses in multiple clinical and para clinical subjects along with undergraduate courses. However, the hospital is yet to establish super speciality courses and departments for which patients often have to be referred to out station hospitals. The transportation of the patients need specialised ALS (Advanced Life support) ambulances which are currently deficient in the hospital. The hospital is in urgent need of 2(two) ALS ambulances which will be utilised for patient care as well providing medical coverage for VVIP services which are frequent in this part of the country.

The hospital will be indebted to any corporate groups/ PSUs which may be willing to donate such ambulances to the hospital. The details of the ambulance specifications are available at SMC website smcassam.gov.in

Any corporate house/PSUs desirous of donating such ambulances can contact the following persons

Abhijit Swami.
Superintendent
Silchar Medical College and Hospital
Email superintendentsmch@gmail.com

B
Principal cum Chief Superintendent
Silchar Medical College and Hospital
principalsmc@gmail.com

The following is the requirement for the ALS ambulances

Advanced Life Support Ambulance

- A. **Color:** There shall be no restrictions concerning the painted color of the ambulance.
- B. **Emblems and Markings:** All items in this section shall be of reflective quality and in contrasting color to the exterior painted surface of the ambulance.
1. There shall be a continuous blue stripe, of not less than 8cm on cab and 15 cm on patient compartment, to encircle the entire ambulance with the exclusion of the hood panel.
 2. Emblems and markings shall be of the type, size and location as follows:
 - a. **Front:** The word "AMBULANCE", minimum of 10 cm in height, shall be in mirror image (reverse reading) for mirror identification by drivers ahead, with a blue "Star of Life", minimum of 8cm height, to the left and right of the word "AMBULANCE." If vehicle design permits, there shall be a blue "Star of Life" of no less than 30 cm in height on the front section of the patient compartment.
 - b. **Side:** Each side of the patient compartment shall have the blue "Star of Life" not less than 30 cm in height. The word "AMBULANCE", not less than 15 cm in height, shall be under or beside each star. The name of the licensee as stated on their provider's license shall be of lettering not less than 8 cm in height.
 - c. **Rear:** The word "AMBULANCE", not less than 15 cm in height, and two blue "Star of Life" emblems of not less than 30 cm in height.
 - d. **Top (roof):** There shall be a blue "Star of Life" of not less than 60 cm in height as well as the individual provider's ambulance number (example: unit "23") of not less than 30 cm in height.
 3. Prior to private sale of ambulance vehicles to the public, all emblems and markings must be removed.
- C. Interior Patient Compartment Dimensions:
1. Minimum Patient Compartment Length: 2700 mm.
 2. Minimum Patient Compartment Width: 1500 mm.
 3. Minimum Patient Compartment Height: 1500 mm from floor to ceiling.

Essential Medical Equipment and other items to be placed on Ambulance

Head of Equipment	Group of equipment	Name of Items / Equipments	Details
A.	Ventilation Airway Equipment		
		1. Transport Ventilator	
		2. Portable suction apparatus	Wide-bore tubing, rigid pharyngeal curved suction tip; Tonsillar and flexible suction catheters, 5 F-14F
		3. Portable & Fixed Oxygen equipment with key wrench & trolley	Variable flow regulator
		4. Oxygen administration equipment	Adequate length tubing' mask (adult, child, and infant sizes), transparent, non-rebreathing, Venturi, and valveless; nasal cannulas (adult, child, and infant sizes)
		5. Pocket mask with one-way valve	
		6. AMBU Resuscitation Bags: Adult & Pad.,	Hand operated, self-re- expanding bag (adult and infant sizes), with oxygen reservoir/accumulator, clear mask (adult, child, infant, and neonate sizes); valve (clear, disposable, operable in cold weather)
		7. Intubation equipments,	Magill's forceps, Laryngoscope blades & other accessories, endotracheal tubes & connecting tubes etc.
		8. Airways	Nasopharyngeal, Oropharyngeal (adult, child, and infant sizes)
		9. Oxygen saturation monitor with different probes for adult and child.	
B	Monitoring And Defibrillation	1. Automatic external defibrillator 2. Multi parameter monitor 3. End Tidal CO2 Monitor	
C	Infusions	1. Syringe Pump 2. IV Lines	
D	Immobilization Devices	1. Cervical collars	Rigid for children ages 2 years or older, infant, child, and adult sizes (small, medium, large, and other available sizes)
		2. Head immobilization device (not sandbags)	Firm padding or commercial device

		3. Lower extremity traction devices	Lower extremity, limb-support slings, padded ankle hitch, padded pelvic support, traction strap (adult and child sizes)
		4. Upper and lower extremity immobilization devices	To immobilize one Joint-above and joint below fracture (adult and child sizes), rigid-support appropriate material (cardboard, metal, pneumatic, vacuum, wood, or plastic)

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