

## Chapter 1. Background of Project

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Increase of injuries is one of the most threatening issues for Egyptian health sector, that is, “trauma”, “accidents” and “poisoning” are the leading causes of hospitalisation for the people of 15-45 years old in 2000.

One of the 4 approaches advocated by “Healthy Egyptian 2010 Initiative” is “Injury Control” (unintentional injuries, motor vehicle injuries, poisoning, etc.).

The Central Administration of Emergency and Critical Care under the Ministry of Health and Population (MOHP) is responsible for providing emergency medical services free of charge, including first aid of emergency cases, rapid and safe medical transportation, definitive treatment for critical cases, etc. The MOHP had refined its emergency medical service providing system, e.g. deploying the ambulances procured under the Japanese grant aid in 1988, to wrestle with the recently growing injuries. They also had set a standard to deploy an ambulance vehicle for every 25,000 population in urban areas and 5,000 in rural areas.

The conditions of vehicle, on the other hand, are so poor, e.g. one third of them are more than 10 years old, driven over 150 thousand kilometres, patient’s space becoming too old for use, decreasing availability of spare parts, etc. that they can not keep up with the rapidly increasing need for emergency transportation services by ambulance.

The MOHP took these situations seriously and therefore requested the grant aid to the Government of Japan to finance procurement of ambulance vehicles and equipment to be used in the vehicle. The request covers the emergency stations in 11 governorates situated in the Nile Delta, one of the most densely populated areas in Egypt.

### 1-2 Outline of the Request

The request made by the Egyptian side is for procurement of ambulance vehicles and medical equipment on board, to be stationed in each of the Emergency Station of 11 governorates.

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|----------------------|---|-----------|
| A. Ambulance vehicle | : | 200 units |
| • Ordinary ambulance | : | 180 units |
| • ICU ambulance      | : | 20 units  |

#### B. Medical equipment on board

- Ordinary and ICU ambulance  
Essential stretcher (Multi level), Chair-type stretcher, Suction mattress (Stretcher), Oxygen cylinders, Oxygen valves, Oxygen masks, Bag valve mask (Ambubags), Electrical suction unit, Manual suction unit, Wooden back boards, Sets of air splints, Set of finger aluminium splints, Neck collars,

Pharmacy cupboard, Emergency medical case, Sterilizing drums

- ICU ambulance

Defibrillator, Portable ventilator, Monitor, ECG, Automatic resuscitator, Dual syringe pump, Nebulizer, Glucometer (blood sugar analyzer)