

# Technical Specifications

DSWD Specifications	Bidder's Specifications
<p><b>Supply and Delivery of Ambulance for DSWD Centers and Residential Care Facilities</b></p> <p><b>I. Vehicle Specifications</b></p> <ol style="list-style-type: none"> <li>1. Any four-wheel Passenger Van type air-conditioned vehicle with not less than four (4) doors</li> <li>2. Vehicle Gross Weight: at least 2,700 kgs</li> <li>3. Dimension: at least 4,680mm x 1680mm x 1900mm (high roof)</li> <li>4. Diesel Engine:               <ul style="list-style-type: none"> <li>– at least EURO 4 Compliant</li> <li>– at least 2450 cc but not exceeding 3000 cc engine displacement</li> </ul> </li> <li>5. Transmission: at least 5-speed Manual/ Automatic</li> <li>6. Steering: Power-assisted, left-hand drive</li> <li>7. Tires and rim: R15 with alloy wheels</li> <li>8. Interior:               <ul style="list-style-type: none"> <li>– Touchscreen Audio and Navigation System</li> <li>– Dash Cam with back camera</li> </ul> </li> <li>9. Windows: Power Windows with central locking system</li> <li>10. Fuel Tank capacity: at least 65 liters</li> <li>11. Body Color: White</li> <li>12. Door Type: 2 doors in front, 1 sliding door in right side and 1 upright door at the back</li> </ol>	<p>Brand:</p> <p>Model:</p> <p>Details Specifications:</p>

**13. Other inclusions:**

- Vehicle manual
- Standard tools kit
- Hydraulic Jack
- Spare Tire
- Tire Wrench
- Early Warning Device (EWD)

**14. Ambulance Features:**

14.1. Emergency Lights and Siren

- Red and blue flashing LED lights on front top of the ambulance
- Red and blue flashing LED lights at the upper back of the ambulance
- Red and blue LED flashing lights on the front grill of the ambulance
- Electric siren with four (4) tones
- Public Address (PA) system

14.2. Electronic control panel

14.3. Communication Equipment:

- Two (2) pieces cellular phones (one for the ambulance and one for the DSWD Centers/Residential Care Facilities). Cellular phone must be at least 4G 32Gb dual sim smartphones.
- Intra-vehicle intercom system (between driver and patient compartment)

14.4. Metal flooring with non-slip matting

14.5. With stainless ramp approach

14.6. Tinted

14.7. Working lights at rear entry

14.8. With reflective sticker, 4 sides

- Exterior design/painting: All vinyl/reflective stickers/retro reflective stickers/films to be used has to be laminated or coated with suitable transparent paint. (see Annex “B”)

14.9. Ambulance Compartment

- Non-porous partition separating the driver and the patient
- Airconditioning systems both at the driver compartment and patient compartment with independent controls
- Compartment for the folding stretcher and orthopedic (scoop) stretcher
- 3-seater bench with back rest, seatbelts and underneath cabinet
- Doctor seat
- Overhead aluminum grab rail on the top of the patient/stretcher
- 3 roof lights with low light option in patient compartment
- Digital wall clock
- Electronic inverter with an output voltage of 220VAC with at least five (5) outlets and a capacity of at least 2KVA
- Built-in medical cabinet with sliding acrylic glass door and at least 3 shelves with lock for the storage medicines, medical supplies and equipment

## **II. Medical Equipment and Accessories (See Annex “A”)**

### **1. Ventilation and Airway Equipment**

- Portable suction machine
- Flexible suction catheters Fr 5, 8, 12 and 14
- 2 pcs oxygen tank with content 20lbs (2 years before expiration date)
- 1 pc oxygen tank regulator and 2 masks (for infant and adult)
- With dual oxygen tank holders
- Manual resuscitators with mask (for adult, pedia and infant)
- Endotracheal tubes (for pedia and adult)
- Airways (for pedia and adult)
- Nebulizer with nebulizer kit
- Laryngoscope set (for pedia and adult)

### **2. Monitoring and/or Defibrillation**

- Automatic External Defibrillator (AED) with disposable defibrillator pads
- Aneroid Sphygmomanometer (fixed on the ambulance wall), non-mercurial, with pediatric and adult cuff
- Heavy duty Stethoscope (for pedia and adult), with spare ear tip, diaphragm and ring

### **3. Immobilization Devices**

- Rigid cervical collars (small, medium, large)
- Firm padding or commercial head immobilization device
- Lower extremity traction devices

(supporting slings, padding, traction strap)

- Upper and Lower extremity immobilization devices
  - a. Joint above and joint below fracture
  - b. Rigid–support appropriate material (cardboard, metal, pneumatic, vacuum, wood or plastic)– various sizes
  - c. Resistant straps or cravats
- Orthopedic (scoop) stretcher/Long back board

#### **4. Obstetrical Delivery Set**

- Sterile delivery kit
- Wrap/ Blanket for newborn

#### **5. Infection Control**

- Eye protection (full peripheral glasses or goggles or face shield)
- HEPA Masks / Surgical Masks
- Non–sterile and Sterile Gloves
- Jumpsuits or Gowns
- Shoe covers
- Hand sanitizers or 70% alcohol
- Sharps container (puncture proof)

#### **6. Miscellaneous**

- Blood Glucose Meter with strips
- Thermometer, non–mercurial
- Heavy bandage or paramedic scissor of cutting clothes, belts and boots
- Alcohol swabs
- Heat and Cold packs or their equivalent
- Heavy duty LED flashlight with at least 1,000 lumens of brightness, rechargeable battery with charger

<ul style="list-style-type: none"> <li>– Blankets, sheets, linen or paper</li> <li>– Pillows, pillow case and towels</li> <li>– Disposable emesis bags or basins</li> <li>– Bed pan</li> <li>– Urinal</li> <li>– Incontinence pads – disposable</li> <li>– Lubricating jelly</li> </ul> <p><b>7.</b> Fire extinguisher (rating 2A10BC)</p> <p><b>8.</b> Wall mounted BP apparatus</p> <p><b>9.</b> IV hook roof mounted</p> <p><b>10.</b> 1 set First Aid Kit</p> <ul style="list-style-type: none"> <li>– 1 pc Adhesive Strips (Pk50)</li> <li>– 1 pc Hypo-Allergenic Medical Tape 1.25 cm x 9.1 m</li> <li>– 1 pc Conforming Bandage 5 cm</li> <li>– 1 pc Triangular Bandage 110 cm x 110 cm</li> <li>– 1 pc Wound Dressing No. 15</li> <li>– 2 Swabs Antiseptic</li> <li>– 1 pc Tweezers metal 8 cm</li> <li>– 1 pc Scissor disposable</li> <li>– 1 box safety pins – assorted (Pk12)</li> <li>– 1 Plastic Bags – resealable 100 mm x 180 mm</li> <li>– 1 Plastic Bags – resealable 150 mm x 230 mm</li> <li>– 2 pcs Gloves – disposable</li> <li>– 1 pc First Aid Quick Reference Guide</li> </ul> <p><b>11.</b> 1 minor Surgical kit</p> <p><b>12.</b> 1 Spine Board</p>	
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**13.** Ambulance Stretcher, collapsible type with wheels, S/S side rails, foam cushion 2” thick with safety belt (manufacturer's specification)

**14.** Ambulance wheeled cot with fastening system

**III. Warranties**

1. Vehicle Warranty: Three (3) years inclusive service warranty
2. Medical Equipment Warranty: at least one (1) year from date of delivery of ambulance

**IV. Other Requirements**

1. Ambulance must comply with emission standards in conformity with the pertinent provisions of the Philippine Clean Air Act, as updated.
2. Ambulance must comply with DOH Administrative Order No. 2008-001 (Revised Rules and Regulations Governing the Licensure of Ambulances and Ambulance Service Providers.)
3. Ambulance must have one (1) year comprehensive GSIS car insurance.
4. Ambulance must be registered with LTO.

**V. COMPETENCE AND QUALIFICATION**

1. The Supplier and its Service Centers should be at least 15 years in the industry of manufacturing of vehicle and or conversion of vehicle to ambulance fully equipped with apparatus and other features.
2. Winning bidder/supplier must have service centers nationwide to cater for the immediate repairs/diagnosis of the ambulance; warranties; availability of spare parts, etc. Service Centers should be available in all regions covering the DSWD Centers and Residential Care Facilities as per distribution list.

3. The Supplier is required to submit a company profile and list of present and previous clientele. The DSWD reserves the right to conduct due diligence to Supplier's office/ warehouse/ service center prior to contract award.	
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*IMPORTANT NOTE: Detailed specifications must be provided. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a)(ii) and/or GCC Clause 2.1(a)(ii).*

Name of Bidder: \_\_\_\_\_

Name of Authorized Representative: \_\_\_\_\_

Signature of Authorized Representative: \_\_\_\_\_

Date: \_\_\_\_\_