



महाराष्ट्र शासन  
जिल्हा रुग्णालय, नाशिक



आरोग्य सेवा  
दुरध्वनी क्रमांक कार्यालय : २५७२०३८  
२३१५५२२ फॅक्स : २५७७९४९  
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कार्यालय  
जिल्हा सामान्य रुग्णालय, त्र्यंबक मार्ग,  
हॉटेल राजदुत समोर, नाशिक ४२२ ००१.  
जा.क्र.जिरुना/नविन रुग्णवाहिका/अंदाजपत्रक/कुंभमेळा २६-२७/ १२ DEC 2025  
दि. ५५५९९

/२०२५

प्रति,

- विषय :- सिंहस्थ कुंभमेळा २०२६-२०२७ नाशिक करीता आवश्यक रुग्णवाहिका (जीपीएस व वैद्यकीय उपकरणांसहित) खरेदीसाठी दरपत्रक मागविणे बाबत.....
- संदर्भ :- १) महाराष्ट्र शासन उद्योग ऊर्जा व कामगार विभाग शासन निर्णय क्र. भाखस-२०१४/  
प्र. क्र. ८२/भाग-११/उद्योग-४/ दिनांक ३०/१०/२०१५.  
२) या कार्यालयाची मंजूर टिप्पणी दिनांक - ११/१२/२०२५.

महोदय,

सार्वजनिक आरोग्य विभागातील नाशिक जिल्ह्यातील सिंहस्थ कुंभमेळा २०२६-२०२७ करीता खालील तक्त्यात नमूद २५ नविन रुग्णवाहिका (जीपीएस व वैद्यकीय उपकरणांसहित) दरपत्रकान्वये खरेदी करणेकामी खालील तक्त्यात नमूद रुग्णवाहिकांचे खर्चाचे सर्व करांसह दर या कार्यालयास सादर करावयाचे आहेत. सदर नविन रुग्णवाहिका खरेदी करणेबाबतचे सर्व कर समावेशक दर आपले संस्थेच्या लेटरहेडवर दिनांक २२/१२/२०२५ रोजी दुपारी १.०० वाजे पर्यंत मोहोरबंद लिफाफ्यामध्ये व्यक्तिशः किंवा रजिस्टर / स्पीड पोस्टामार्फत या कार्यालयास सादर करावेत.

मोहोरबंद / सिलबंद लिफाफ्यावर "New Ambulance Quotation" असा स्पष्ट उल्लेख करावा. दरपत्रकान्वये खरेदी करणेकामी सर्व करांसह दर या कार्यालयास सादर करावे.

— प्रपत्र —

Sr. No.	Description	Qty No.	Rate per Ambulance
01	BS-VI Ambulance - Advance Life Support – Type D (With GPS & Equipments – List Attached)	11	
02	BS-VI Ambulance - Basic Life Support – Type C (With GPS & Equipments – List Attached)	14	

दरपत्रके सादर करण्यासाठी दिनांक / वेळ आणि ठिकाण :

अ. क्र.	तपशिल	कालावधी
१	या कार्यालयाचे सुचना फलकावर दरपत्रके सादर करणेसाठीचा नमुना प्रपत्र उपलब्ध असणे	दि. ११ डिसेंबर २०२५ ते २२ डिसेंबर २०२५
२	दरपत्रके सादर करण्यासाठीची मुदत	दि. २२ डिसेंबर २०२५, वेळ - दु. १.०० पर्यंत
३	दरपत्रके उघडण्यासाठीचा दिनांक व वेळ	दि. २२ डिसेंबर २०२५, वेळ - दु. ३.०० वाजता
४	दरपत्रके उघडण्याचे ठिकाण	जिल्हा सामान्य रुग्णालय, त्र्यंबक मार्ग, हॉटेल राजदुत समोर, नाशिक ४२२ ००१

प्राप्त संस्थांची दरपत्रके उघडण्याची वेळ ही दिनांक २२ डिसेंबर २०२५ रोजी दुपारी ३.०० वाजता असेल व सदर दरपत्रके उपस्थित असलेल्या संबंधित संस्थांचे प्रमुख अथवा त्यांनी प्राधिकृत केलेल्या प्रतिनीधींचे समक्ष उघडण्यात येतील.

**दरपत्रके सादर करणेबाबतच्या अटी व शर्ती :**

- १) पुरवठादार संस्थेकडून प्रस्तावित पुरवठा होणारी रुग्णवाहिका वाहने ही उत्पादक कंपनीस पुरवठा करणारे असावे.
- २) दरपत्रके ही संस्थेच्या लेटरहेडवर असावीत तसेच नमुना प्रपत्रामध्ये दर नमूद करुन सदरील लेटरहेड हे सही व शिक्क्यासह या कार्यालयास सादर करावीत.
- ३) दरपत्रकामध्ये सादर केलेले दर हे किरकोळ विक्री किंमतीपेक्षा (एम.आर.पी) पेक्षा जास्त नसावेत.
- ४) अटी व शर्तीसह सादर करण्यात आलेल्या दरपत्रकाचा विचार करण्यात येणार नाही.
- ५) खाडाखोड असलेले दरपत्रक विचारात घेतले जाणार नाहीत.
- ६) विहित मुदतीनंतर प्राप्त झालेली दरपत्रके विचारात घेतले जाणार नाहीत.
- ७) दर सादर करावयाच्या यादीमध्ये कुठल्याही प्रकारचा फेरफार केल्यास सदर दरपत्रक तात्काळ रद्द करण्यात येईल.
- ८) कोणतेही लेखी कारण न देता दरपत्रके स्विकारणे अथवा पुर्णतः नाकारण्याचा तसेच खरेदी प्रक्रिया रद्द करण्याचा पुर्ण अधिकार मा. जिल्हा शल्यचिकीत्सक, जिल्हा रुग्णालय, नाशिक यांचा राहिल.
- ९) प्रशासकिय अथवा तांत्रिक कारणास्तव देयक अदा करण्यास विलंब / उशीर झाल्यास विलंब आकार किंवा व्याज देय राहणार नाही.
- १०) दरपत्रकातील दर हे सद्यस्थितीत लागू असलेल्या सर्व करांसहित असलेले दरपत्रक मा. जिल्हा शल्यचिकीत्सक, जिल्हा रुग्णालय, नाशिक या नावे सिलबंद लिफाफयात पाठवावीत.



जिल्हा शल्यचिकीत्सक,  
जिल्हा रुग्णालय, नाशिक.

प्रत /- नोटीस बोर्ड

## प्रपत्र - अ

## निविदाकारांनी द्यावयाच्या हमीपत्राचा नमुना

मी/आम्ही / आमची संस्था या पत्रान्वये हमी देतो की,

- १) आमचा खरेदी प्राधिका-याबरोबर कोणत्याही प्रकारे हितसंबंधांचा संघर्ष नाही
- २) सादर कामासाठी ईच्छुक असून त्यासाठी एकल दरपत्रक सादर केलेले आहे.
- ३) दरपत्रक प्रक्रियेमध्ये भाग घेणा-या अन्य संस्थांमध्ये आम्हाला कोणत्याही प्रकारचे थेट स्वारस्य नाही.
- ४) दरपत्रकामध्ये सादर केलेले दर हे किरकोळ विक्री किंमतीपेक्षा (एम.आर.पी) पेक्षा जास्त नाहित. सर्व संभाव्य खर्चासह आणि करांसह आहेत.

दिनांक :- / / २०२५.

निविदाधारकाची सही व संस्थेचा शिक्का

**TECHNICAL SPECIFICATION FOR (ALS) ADVANCE LIFE  
SUPPORT AMBULANCE**

<b>1.</b>	<p><b>Under this contract, the successful tenderer has to comply to following Technical Specifications:- Supplier should have OEM or authorize vendor of OEM</b></p> <p><b><u>BASE VEHICLE CHARACTERISTICS</u></b></p>
<b>1.1</b>	A Ambulance shall be Type D and Category of M2 Vehicle. Vehicle Engine Capacity (cc) shall be 2100 to 2500. Type of Fuel shall Diesel BS-VI in white color with red strip and department name and logo. Whole ambulance shall be fully air conditioned
<b>1.2</b>	Vehicle Mileage ( declared by OEM as certified by Test Agency under Rule 115of CMVR 1989) (Kmpl) shall not less than 16.5 and Top Speed (km/hr) shall not less than 110 km/hr
<b>1.3</b>	Gradeability of Vehicle (degree ) shall not less than 14.5 degree and Turning radius (mm) shall 6800 millimetre.
<b>1.4</b>	Acceleration (0-70KMPH) in sec shall 19-20 second. Engine shall not less than 100 horsepower and Rated RPM at Max Engine BHP shall 3750
<b>1.5</b>	Engine Torque Max (N-m) shall 200. Rated RPM at Max Engine Torque shall 1000. The whole ambulance shall fully air-conditioned
<b>1.6</b>	Type of Vehicle Body shall monocoque and total doors shall not less than 03.
<b>1.7</b>	Fuel Tank Capacity (liter) shall not less than 60 ltrs
<b>1.8</b>	The minimum engine BHP shall not less than 100 horsepower. Rated RPM at max engine BHP shall 3750. Engine torque max (N-m) shall 200. Rated RPM at max engine torque shall 1000.
<b>1.9</b>	<ul style="list-style-type: none"> <li>✓ Length of Vehicle Body (mm) shall 5478 millimetre</li> <li>✓ Width of Vehicle Body (mm) shall 1905 millimetre</li> <li>✓ Height of Vehicle Body (mm) shall 2670 millimetre</li> <li>✓ Ground Clearance (road Clearance from floor) (mm) shall 185 millimetres.</li> <li>✓ Wheel Base (mm) shall 3488 millimetre</li> <li>✓ Kerb Weight (kg) shall not more than 2160 kilogram</li> <li>✓ Gross Vehicle Weight (kg) shall not more than 3385 kilogram</li> </ul>
<b>1.10</b>	Tyre and Tube shall BIS marked Pneumatic Tubeless tyres Size Of Tyre shall 195 R15LT 8PR.
<b>1.11</b>	Vehicle transmission system shall manual and Nos of Speed/ Forward Gears shall be 5. Type of Wheel drive shall two wheel drive and drive axle shall front axle. Steering shall power steering. Vehicle Brake shall ABS Fitted, Low Fuel warning Light. Front vehicle brake shall disc brake and rear vehicle brake drum brake. Vehicle air intake system shall Turbo Charged.
<b>2.</b>	<b><u>FABRICATION OF INTERIOR</u></b>

2.1	Interior paneling fabricated with Fiber Reinforced Plastic (FRP)
2.2	Thermal insulation providing better atmosphere temperature inside patient cabin
2.3	Driver & patient cabin partition in FRP with sliding communication window
2.4	Overhead rack with sliding glass for storage.
2.5	Non static, anti-skid Vinyl flooring on 12mm FR Grade ply-board.
2.6	Grab rail on rear entry door for easy access.
2.7	Roof Mounted Stainless Steel hand support rail with 2 No's of strap Handles.
2.8	Ergonomically designed Storage drawers for medical consumables and accessories within easy reach from Paramedic seat.
2.9	Stainless Steel waste bin for Biomed waste
2.10	Hooks for IV Bottle's -2 No with IV holding attachment
2.11	Provision to Mount Critical Care Equipment like Ventilator, Defibrillator, Monitor etc. (Original mount to be provided by the customer along with equipment)
2.12	Full Length Foot step at rear entry
2.13	Fire extinguisher 1Nos
3	<b><u>ELECTRICALS</u></b>
3.1	Internal lighting- LED
3.2	220V AC 5 Amp Sockets-4 no
3.3	12 V DC Socket – 2 No.
3.4	True Sine Wave Inverter of 800 VA capacity with additional backup battery
3.5	High intensity LED blinkers 2 No's each on three sides (6 No's)
3.6	Charging Socket for Inverter from 220 VAC with 5 meters of charging lead.
3.7	LED Emergency Light Bar &Siren with public address system 100 W.
3.8	<ul style="list-style-type: none"> <li>✓ Fans -2 No's. LED Interior Tube lights.</li> <li>✓ Lights 12V DC – 6 No's</li> <li>✓ LED Patient Examination Light 1 No's</li> <li>✓ Electric Protection Circuit with heavy duty 12 V DC Cut off switch located near driver seat for easy accessibility.</li> <li>✓ Rear Door Switch light to illuminate Patient Cabin light.</li> <li>✓ Rear door open warning alarm in Driver cabin</li> </ul>

4	<b><u>AIR CONDITIONING</u></b>	
4.1	Centralized ducted air-conditioning system coupled with vehicle Engine for Patient Cabin.	
5	<b><u>OXYGEN THERAPY</u></b>	
5.1	<ul style="list-style-type: none"> <li>✓ Heavy duty trolley to mount 2 Nos. JUMBO 'D' Type OXYGEN cylinders changeable from outside the vehicle with separate lockable door helps in maintaining good hygiene in patient cabin.</li> <li>✓ High Pressure flexible stainless steel braided Teflon tubing from oxygen cylinders to regulators.</li> <li>✓ Oxygen regulator for better patient safety with pressure gauge's near doctor seat for easy accessibility.</li> <li>✓ Complete gas pipe lining with tubing on common rail with 2+1 oxygen outlet.</li> </ul>	
6	<b><u>PATIENT HANDLING &amp; MEDICAL EQUIPMENT: (OPTIONAL)</u></b>	
6.1	<ul style="list-style-type: none"> <li>✓ <b>Auto Loader Stretcher:-</b> Should have AIS 125 Certified</li> <li>✓ <b>Scoop Stretcher:-</b> Lightweight , Portable Aluminum Scoop Stretcher</li> </ul>	
6.2	<b>SPINE BOARD:-</b> <ul style="list-style-type: none"> <li>✓ Made of High Strength engineering plastic</li> <li>✓ Portable and anti-aging, Can float In water</li> <li>✓ Suitable for all Radio-diagnostic X-ray procedure</li> </ul>	
6.3	<b>HEAD IMMOBILIZER:-</b> <ul style="list-style-type: none"> <li>✓ Water Proof plastic Coating to prevent bacterial growth</li> <li>✓ Unique Head Straps to confirm patient's fore- Head.</li> </ul>	
6.4	<b>WHEEL CHAIR</b> <ul style="list-style-type: none"> <li>✓ Made of high quality aluminum alloy</li> <li>✓ Adjustable Telescopic handles</li> </ul>	
6.5	<ul style="list-style-type: none"> <li>✓ Pneumatic Air Splints with pneumatic pump-Set of 6</li> <li>✓ Good quality Suction Machine Foot and Battery operated</li> <li>✓ Pulse Oximeter Finger Tip</li> </ul>	
7	<b><u>MULTIPARA MONITOR</u></b>	
7.1	Monitor should have high resolution 12.1" colour, LED display. Should be able to display atleast 6 waveforms.	
7.2	Should be able to monitor following vital sign monitoring for Adult, Paediatric and neonatal patients such as ECG, NIBP, Spo2, Respiration, Temperature.	
7.3	Should be able to monitor ECG: 3/5 lead, Cascade ECG waveform with HR measurement, arrhythmia detection, ST segment analysis.	
7.4	Non-Invasive Blood Pressure (NIBP): Measurement and display of systolic, Diastolic, and mean pressure values on NIBP measurement through Oscillometric method for adult, child, and neonate. Modes: Manual, STAT (Continuous 5 min. operation) and automatic selectable interval 2- 480 minutes.	

7.5	Respiration: Display of respiration waveform with respiration rate using impedance principle.
7.6	Temperature: Should be able to monitor two temperatures simultaneously. The unit selection should be possible.
7.7	SpO2 sensors should be suitable for Adult, Paediatric & Neonate. Should be upgradeable to Etco2 and Dual IBP
7.8	<ul style="list-style-type: none"> <li>✓ The Graphical and tabular trends of up to 168 hours should be available.</li> <li>✓ The monitor should have battery backup of up to 5 hours.</li> <li>✓ Should have automatic pacemaker detection facility.</li> <li>✓ Should be Compatible with central monitoring system both wired and wireless.</li> <li>✓ Should be Compatible with HL7 and Nurse Call.</li> <li>✓ The Weight of monitor should not be more than 3 kgs.</li> <li>✓ Should have three priorities of alarm of all the parameters.</li> <li>✓ Should have option of recording up to 2 waveforms on paper roll.</li> </ul>
8	<b><u>TRANSPORT VENTILATOR</u></b>
8.1	<p>Display: 3.5 Inch Monochromatic Display AVAILABLE  MODES: PCV, VCV, VACV, PACV, VSIMV, PSIMV, CPAP, BIPAP, HFT</p> <p><b>Waveforms: Pressure</b></p> <ul style="list-style-type: none"> <li>✓ PEEP :0 TO 30 cm H2O (ELECTRONIC)</li> <li>✓ PRESSURE SUPPORT :0 TO 50 cm H2O</li> <li>✓ RESPIRATORY RATE: 7 TO 60 BPM</li> <li>✓ INSPIRATORY PRESSURE: 5 TO 100 cm H2O <ul style="list-style-type: none"> <li>▪ High pressure limit</li> <li>▪ Low pressure limit</li> </ul> </li> <li>✓ INSPIRATORY TIME: 0.1 TO 9.9 sec</li> <li>✓ I: E RATIO: 1:9.9 -2.5:1</li> <li>✓ TRIGGER: PRESSURE (0.5 TO -20CM H2O)</li> <li>✓ TIDAL VOLUME: 40ml to 2000ml</li> <li>✓ FIO2: 21% TO 100%</li> <li>✓ DIMENSIONS (W*D*H): 300 mm* 260 mm* 130 mm</li> <li>✓ EX SENCE: 50% To 100%</li> <li>✓ APNEA BACKUP: YES</li> <li>✓ DETACHABLE AND AUTO</li> <li>✓ CLAVABLE EXPIRATORY VALVE: YES</li> <li>✓ RECHARGABLE Li-ion BATTERY: BACKUP UPTO 12 HOURS</li> </ul>

9	<u>AUOTAMATED EXTERNAL DEFIBRILLATOR</u>	
	9.1	<ul style="list-style-type: none"> <li>✓ It should be Semi-automatic external defibrillator.</li> <li>✓ Should withstand free fall damage from a height of 1.5mtr onto the hard surface.</li> <li>✓ Waveform should be Bi-phasic, Truncated exponential (BTE) waveform. Impedance Range 20-180Ω</li> <li>✓ Energy Level should be:Adults energy released at 50Ω impedance: 150 J. Children Energy released at 50Ω impedance: 50J The energy levels should be fixed.</li> <li>✓ Should have CPR Coaching CPR instructions for adults and children, with metronome and hand placement instructions</li> <li>✓ Should comply with AHA 2020 guidelines.</li> <li>✓ Charge/Discharge Time: The time from the prompt of "Shock Advised" to when the shock can be performed: 7 sec.</li> <li>✓ Analysis Time should be typically, 8 seconds.</li> <li>✓ It should have LED lights, graphic panel and voice prompt.</li> <li>✓ Volume should be adjustable through mobile app.</li> <li>✓ Device Status Indicator: Visual and audible indicators help to monitor the status of the main device, electrodes, and battery. Flashing red light indicates the device is faulty. Volume should be adjustable through mobile app Flashing green light should indicates the device is normal.</li> <li>✓ Controls: Users can switch to Child Mode at the touch of a button to lower energy and receive CPR guidance suitable for children (under 8 years old or less than 25Kg.)</li> <li>✓ Communication: USB Interface, Bluetooth (standard); and 4G module (optional)</li> <li>✓ Battery Pack: TYPE- Lithium manganese dioxide (Li/MnO<sub>2</sub>) battery (non-rechargeable), 12V/3000mAh</li> <li>✓ Battery Capacity: At 20°C±2°C, the new battery can discharge 200±10 times at 150J Operation Life (standby) 5 years (typical). A battery should indicate low battery can still be used 30 times at 150J.</li> <li>✓ ECG/Event Storage: At least 8 hours of ECG and event/incident recording.</li> <li>✓ Environmental Configuration: - Atmospheric Pressure 59.4kPa~106kPa. Operating/Standby Temp 0°C ~ +50°C Relative Humidity 5%~95% (No condensation). One Hour operating Temperature limit (extreme cold): -20°C. Short term Storage/Transport Temp: -40°C~+70°C, within one week, with battery and pads uninstalled.</li> <li>✓ Should have Ingress Protection IP55.</li> </ul>

		<ul style="list-style-type: none"> <li>✓ Weight should be 1.5 kg. (Including battery, pads &amp; handle).</li> <li>✓ Should also be available in Hindi Language.</li> <li>✓ Should have CE certified. Certificate to be submitted.</li> <li>✓ Should Comply with IEC 60601-2-4</li> <li>✓ Should be supplied with the AED pad- 1 Pair.</li> </ul>
10	<b><u>SYRINGE PUMP</u></b>	
	10.1	<ul style="list-style-type: none"> <li>✓ Mains /Battery operated</li> <li>✓ Flow rate 0.10ml -200ml/hr depending upon syringe size</li> <li>✓ Bolus/KVO</li> <li>✓ Accepts all size syringes</li> </ul>
11	<b><u>PORTABLE OXYGEN CYLINDER</u></b>	
	11.1	<ul style="list-style-type: none"> <li>✓ Made of seam less aluminum or equivalent</li> </ul>
12	<b><u>RESCUE TOOLS</u></b>	
	12.1	<ul style="list-style-type: none"> <li>✓ Set of Rescue tools i.e. wrecking Bar, Crow Bar, Axe, Hammer, Rope, Hacksaw, torch etc. along with D Type Cylinders (2 Nos)</li> </ul>
13	<b><u>EMERGENCY BAG</u></b>	
	13.1	<ul style="list-style-type: none"> <li>✓ Ambu Bag 2 no's (1 Adult &amp; 1 Paed.)</li> <li>✓ Laryngoscope (4 Blades)</li> <li>✓ Oxygen mask 2 No's -1Adult &amp; 1Paed.</li> <li>✓ Magill Forceps -1 No.</li> <li>✓ Artery Forceps – 1 No.</li> <li>✓ Toothed forceps-1No.</li> <li>✓ Universal Scissor-1 No.</li> <li>✓ Stethoscope – 1 No.</li> <li>✓ Cervical collar-Adjustable</li> <li>✓ Glucometer</li> <li>✓ Fingertip Pulse oximeter</li> <li>✓ Aneroid blood Pressure unit -1 No.</li> <li>✓ Sterile Gloves-5 Pairs</li> <li>✓ Carrying Case</li> </ul>
14	<b><u>WARRANTY AND SUPPORT</u></b>	
	14.1	<p>All the bidders are required to submit Bid specific OEM Authorization Letter in their favor issued by the principal manufacturer for the following items:-</p> <ul style="list-style-type: none"> <li>✓ Base Vehicle</li> <li>✓ Spine Board</li> <li>✓ Suction Machine</li> <li>✓ Auto loading Stretcher</li> <li>✓ Syringe Pump AED</li> <li>✓ Multipara Monitor</li> <li>✓ Emergency Kit</li> <li>✓ Transport Ventilator</li> </ul>
	14.2	<p>Manufacturer to note that there shall be a one (3) years warranty period. Warranty period shall commence from the date that the system has been fully accepted</p>

	following Training and Commissioning
14.3	Rates should be quoted along with all costs including installation, testing and commissioning, No extra amount will be paid.
14.4	A 3 year software subscription license including technical support, quarterly release software upgrades and access to expanding scenario library should be part of the service.
14.5	Supplier shall commit to providing after sales support without any restrictions for a minimum period of 5 years. Also, supplier should demonstrate their local presence in UP/NCR, India for providing the necessary after sales support.
14.6	All software and software licenses included for operation of the system for a period of 3 years.
14.7	Training for trainer shall be provide by the supplier at UPFS training centre or location suggested by DG-UPFS
15	<b>DOCUMENTS TO BE SUBMITTED BY THE BIDDER ALONG WITH THE BID.</b>
15.1	All Relevant BIS/UL/NABL Approval Certificate along with License number. Test Report shall be submitted along with the bid
15.2	Vendor shall submit Manufacture test certificate as evidence for having used materials for various components as per specifications
15.3	Installation manual and Operation manual shall be provide in English and Hindi language
15.4	Before supply the material/goods site inspection shall be carried out at the place of OEM/Bidder by the nominated team from DG F&ES. All Expenses for inspection shall be borne by OEM/bidder.

## Technical Specifications of Normal Basic Life Support Ambulance (Patient Transport)

### Generic Vehicle parameters

Type of Ambulance	Type B (as per clause 3.3.2 of AIS:125 Part-1)
Category of Vehicle	M1
Vehicle Engine Capacity (cc)	2184
Type of Fuel	Diesel
Vehicle Emission Compliance	BS VI
Colour of the Vehicle	White
Vehicle Mileage ( declared by OEM as certified by Test Agency under Rule 115of CMVR 1989) (Kmpl)	15.52
Top Speed (km/hr)	165
Acceleration(0-70KmPH) in sec	40 second
Gradeability of Vehicle (degree)	15 degree
Air Conditioning	Whole Ambulance
Engine BHP	118 horsepower
Rated RPM at Max Engine BHP	4000
Engine Torque Max (N-m)	280
Rated RPM at Max Engine Torque	1800.28
Type of Vehicle Body	Chassis Frame
No of Doors	3
Fuel Tank Capacity (liter)	60 liter
Length of Vehicle Body (mm)	4400 millimetre
Width of Vehicle Body (mm)	1795 millimetre
Height of Vehicle Body (mm)	1812 millimetre
Ground Clearance(road Clearance from floor) (mm)	163 millimetre
Wheel Base (mm)	2680 millimetre
Kerb Weight (kg)	1755 kilogram
Gross Vehicle Weight (kg)	2390 kilogram
Type of Tyre and Tube	BIS marked Pneumatic Tubeless tyres
Size Of Tyre	215/70 R16
Vehicle Transmission System	Manual
No of Speed/ Forward Gears	6
Type of Wheel drive	Two Wheel drive
Drive Axle	Rear
Type of Steering	Power
Turning Radius (mm)	5350 millimetre
Front Vehicle Brake	Disc Brake
Rear Vehicle Brake	Drum Brake
Vehicle Air Intake System	Turbo Charged
Vehicle features	Driver Airbag, Vehicle Brake ABS Fitted, Day & Night View Mirror, Central Locking, Low Fuel warning Light
Patient Compartment	As per cl. 4.5 of AIS 125 Pt I
Overall Length of Patient Compartment (mm)	2970 millimetre
Overall Width (mm) of Patient Compartment	1400 millimetre
Overall Height of Patient Compartment (mm)	1143 millimetre

Construction of Patient Compartment	The ceiling, the material of floor and side shall be non-permeable and resistant to disinfectant
Body Main Structure Shape and Material	Rectangular
Size of Section	Compound BIW - Steel
Exterior Panel of side body and roof	CR steel sheet thickness 0.7mm min
Interior Panel of side body	CR steel sheet thickness 0.7mm min PP-TALC fill paneling with anti-bacterial material
Interior Panel of roof	Composite sandwich - soft trim thickness 7mm min
Flooring Material	Flooring made out CR sheet metal covered with PVC material 5mm thickness
Openings (Doors, Windows, Emergency Exits)	AS per cl. 4.4.5 of AIS 125 Pt I
Number of Seats (including driver)	5
Number of stretcher	1
Min Number of Patient and Attendant Seats	3

### Main Equipment

Features of Main Stretcher	Main stretcher with separable undercarriage
Provision For Medical Devices	Mounting for portable Oxygen cylinder of 2.2 L water capacity, Hook for infusion mounting, Storage for keeping first aid and nursing kit
Type of Patient Handling Equipment	Main stretcher with undercarriage, Oxygen Cylinder Bracket, I.V. Bottle Hanging Hook, First Aid Box in side of rear saloon
Ambulance Features	Medical cabinet in side of rear saloon, Roof revolving light, Siren, Fire Extinguisher as per AIS 125 PT I

### Electrical Requirement

Additional Electric Load of Medical Equipment's permissible (Watts) as per AIS 125 (Part-1)	0 Watt
Number of battery(ies) provided other than the vehicle battery	NA
Additional Battery Capacity	NA
Alternator Power	NA for type B
Min no of 12V connections for medical devices in patient's compartment	NA
Min number of 220V AC power supply connections for medical devices in patient compartment	NA

### Environment Testing

Environment Testing Compliance	Flammability Test as per IS 15061: 2002 (as applicable), Interior fitting compliance as per AIS-047 established, Air conditioning and Heating Performance Tests(Clause 4.5.4 as per AIS125 Pt I) Compliance, Acceleration Test (Clause 4.2.1 per AIS 125 Pt I and IS:11851-2002) Compliance, Water Proofing Test (IS:11865-1995) Compliance, Dust Ingress Test (IS:11739-1997) Compliance
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Additional Features for COVID 19 Ambulance	NA
Warranty Time (months)	36 month
Warranty Distance (or warranty time, whichever earlier) (km)	100000 kilometer
Battery Warranty (months)	12 month
No Of Free Service during warranty	3

**Certification**

Applicable GSR 287(E),Central Motor Vehicles(4th Amend)Rules,2015 and Ambulance CODE (Latest)	Compliance to AIS 125(Part I) : Constructional and Functional Requirements for Road Ambulances with all amendments till date.
Certification	Complete vehicle
Vehicle Certification	ARAI

List of Required Equipments			
Sr No	Name of the Equipments	Qty	Type
1	Ambulance Cot	1	ALS/BLS
2	Scoop Stretcher	1	ALS/BLS
3	Spine Board	1	ALS/BLS
4	Transfer Sheet	2	ALS/BLS
5	Wheel chair	1	ALS/BLS
6	Bi-Phasic Defibrillator cum Cardiac Monitor with Recorder	1	ALS
7	Transport Ventilator	1	ALS
8	Oxygen Flow meter with Humidifier	1	ALS/BLS
9	Suction Pump (Manual & Handheld)	1	ALS/BLS
10	Suction Pump Electronic	1	ALS/BLS
11	Self-Inflatable Resuscitation Bags (Adult+Paediatric)	1+1	ALS/BLS
12	Mouth to Mask Ventilation Device	1	ALS/BLS
13	Oxygen Cylinder (Portable) with Oxygen Pressure Reducer	1	ALS/BLS
14	Oxygen Administration Equipment (Adult+Paediatric)	1+1	ALS/BLS
15	Laryngoscope with blades with Mckintosh Blade 1, 2, 3 & 4	1	ALS/BLS
16	Volumetric Infusion Pump	1	ALS/BLS
17	Syringe Infusion Pump	1	ALS/BLS
18	Foetal Doppler (Handheld)	1	ALS/BLS
19	Handheld Glucometer	1	ALS/BLS
20	Stethoscope Paediatric & Adult	1	ALS/BLS
21	BP Apparatus (Digital)	1	ALS/BLS
22	Pupillary Torch	1	ALS/BLS
23	Needle & Syringe Destroyer and Sharp Dispenser	1	ALS/BLS
24	Thermometer (Digital)	2	ALS/BLS
25	Pneumatic Splints set of 6 Adult size	1	ALS/BLS
26	Roller Splints	2	ALS/BLS
27	Cervical Collars	1	ALS/BLS
28	EMT Shears	1	ALS/BLS
29	Toothed Forceps - Dissecting	1	ALS/BLS
30	Artery Forceps 6"	1	ALS/BLS
31	Toothed Forceps 6"	1	ALS/BLS
32	Magill's Forceps	1	ALS/BLS
33	Kidney Tray	1	ALS/BLS
34	Klik Clamp	50	ALS/BLS
35	Tongue Depressor	100	ALS/BLS
36	First Aid Kit Bag	1	ALS/BLS
37	Search Light (NOT TORCH LIGHT)	1	ALS/BLS
38	Rescue Equipment	1	ALS/BLS
39	Pulse Oxymeter	1	BLS
40	D/B Type Oxygen Cylinders	2	ALS/BLS