

REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/DIVISION/ UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/303/2022/MOH(TC)	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH FOR A PERIOD OF SEVEN (7) YEARS	7 YEARS	DEPARTMENT OF MEDICAL SERVICES	\$2,000.00	27 TH DECEMBER 2022	Muhd Semiun Ridhwan bin Abdullah Awat Jabatan Perkhidmatan EMAS Kementerian Kesihatan Negara Brunei Darussalam e-mail: medical.services@moh.gov.bn

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/303/2022/MOH(TC)

INVITATION TO TENDER

THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH FOR A PERIOD OF SEVEN (7) YEARS

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH
1.	GENERAL SPECIFICATION:
1.1	Vehicles for rental (here in after referred to as the "Vehicles") under this tender are categorized and unit required as follows; (1) Intensive Care Ambulance= 09 units (2) Intensive Care Ambulance (Negative Pressure) = 06 units All Vehicles proposed must be right-hand drive vehicles. All Vehicles must be brand new.
1.2	SPECIFICATION STANDARD
1.2.1	All Vehicles shall comply with local land transport department safety requirement with modification safety align to EN 1789:2020 (Medical and their equipment- Road ambulances) or equivalent All Vehicles must be built on an appropriate chassis of high safety standards and equipped with in-car safety equipment. The body design must be engineered to high quality standards.
1.3	PROCUREMENT
1.3.1	The Government is procuring the Vehicles and the services for the Vehicles on the basis of an Operating Lease. All vehicles are to be on leased basis for the period stated in para 1.3.4 The Government reserves the right to choose vendors based on each class of vehicles offered
1.3.2	Tender submission shall include the cost of all services and supplies (including tyres, parts replacement, periodic maintenance, breakdown / recovery, provision of replacement vehicles etc. set out in this tender)
1.3.3	Incomplete documentation by vendor will not be entertain and considered
1.3.4	The period of lease is 7 years. The government may opt to extend the lease up to 2 years.
1.3.5	Vendor can give price offered excluding vehicle import tax
1.4	INSURANCE
1.4.1	Tenders are to provide the following types of insurance coverage for the Vehicles supplied: i. Comprehensive vehicle insurance, ii. Driver and Passenger coverage, iii. Medical equipment and Vehicle content coverage iv. 'Ambulance' stated in Insurance Policy
2	CHASSIS – Please refer to SPECS indicated for each type of ambulances
3	ENGINE

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	
3.1	Emphasis is given on fuel economy. Only diesel-based engines may be quoted. Provision must be made to ensure reliable and quick start-up of the engine by means of an electrically operated starter of adequate power.	
3.1.1	<p>a. Manufacturer: The Vehicles under this Lease Term shall originate only from Japan, European, Korea.</p> <p>[Note: Only one make and model to be offered for each class of ambulance. No alternatives allowed or will be considered. If any alternative is offered, only the first offer will be considered]</p> <p>Design /Type: Intensive Care Unit Ambulance</p>	
3.1.2	<p>b. Displacement (Size of Engine):</p> <p>Intensive Care Unit Ambulance</p>	<p>Minimum 1800 cc or higher (turbo fitted engine is an advantage)</p>
3.1.3	<p>c. Torque Output: 280Nm or approximately or above</p>	
3.1.4	<p>d. Minimum Power Output: 120kw or approximately or above</p>	
3.2	<p>Visual warning devices, visible from the driver's position, shall be provided for high engine temperature and low oil pressure.</p>	
3.3	<p>The contractor shall affix a permanent plate in the driver's compartment specifying the quantity and type of the following fluids used in the vehicles</p> <ul style="list-style-type: none"> • Chassis transmission fluid • Pump transmission lubricating fluid • Pump primer fluid, if used • Drive axle lubrication fluid 	
4	<p>FUEL SUPPLY & CONSUMPTION</p> <p>Ministry of Health is to provide and supply the fuel for the Ambulances for the duration of the contract.</p>	
4.1	<p>Fuel Consumption</p> <p>Economic fuel consumption city, urban and rural must be more than 28 mpg (combined) or equivalent.</p>	
4.2	<p>Tank Capacity</p> <p>Fuel tank capacity of at least 71 litres with fuel filling orifice of sufficient size and location to allow fueling from standard commercial pump dispensing nozzles or from jerry can (via a funnel) for on-site fueling should this be necessary. Type of fuel used will be clearly labeled on the fuel cap or adjacent bodywork.</p>	
5	<p>AIRCONDITION</p>	
5.1	<p>Air-condition & ventilation system</p> <ul style="list-style-type: none"> • EN 1789:2020; No. 4.4.7; page 25 • At an inside temperature of 32 degree Celsius, the cooling system shall reduce the temperature in the patient's compartment to 27 degrees Celsius or less within 15 minutes and reduce to 25 degrees Celsius or less within 30 degrees Celsius. • Individual rear passenger climate control system. Air condition will be of evaporator blower compressor, condenser, receiver/drier, expansion valve/thermostat hoses and piping factory fitted with R134 gas type. • Rear passenger switches for the control of the cooling temperature to be fitted 	
6	<p>IN VEHICLES ENTERTAINMENT SYSTEM</p>	
6.1	<p>All ambulances are to be fitted with an in-car entertainment system and must have at least AM/FM radio.</p>	

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6.2	Optional and other value-added features such as rear seat passenger massage may be given.
7	SAFETY SYSTEMS
7.1	All Ambulances must be fitted with <ul style="list-style-type: none"> a. Anti-Lock Braking System b. Traction Control c. Airbags
8	SENSORS AND AUDIO VISUAL
8.1	All Ambulances to be fitted with GPS tracking (Local Provider Compliant); front & back view recording camera, dash camera and parking (proximity) sensors.
8.2	b. The following visual & audible warning indicators shall be provided: <ul style="list-style-type: none"> I. Low engine oil pressure light. II. Low air brake air pressure and warning buzzer III. High beam light. IV. Flashing turn indicator light. V. Battery 'No Charge' light. VI. Parking brake 'On' warning light. VII. Key in ignition warning; and VIII. Headlights 'left on' warning
9	MEDICAL EQUIPMENT & ACCESSORIES
9.1	<p>Patient trolley</p> <ul style="list-style-type: none"> • Patient trolley with International Standards EN1789: 2020; or SAE J3027 equivalent. • The fixation system (s), retention (s), or storage (s) shall hold the device to withstand acceleration or deceleration of 10g longitudinal. • Patient Stretcher Trolley must be 350kg min weight capacity load. <p>Intensive Care Unit Ambulance</p> <p>Electric drive stretcher</p> <ul style="list-style-type: none"> • Load weight 300kg or above • Provide power, stability, maneuverability and reliable performance. • ICS Integrated Charging System • Enduracharge Power System • Enduracharge Lithium ion battery
9.2	<p>Stair Chair</p> <p>Apart from indicated in each type of vehicle, all vehicles must be fitted with:</p> <p>Locking safety latch</p> <ul style="list-style-type: none"> • Restraint for chest, thigh and lower leg
9.3	<p>Ventilator (mandatory for Intensive Care Unit Ambulance) – as indicated in Intensive Care Unit Ambulance.</p> <ul style="list-style-type: none"> • Reduces risk of gastric insufflation, barotrauma and hyperventilation • Easy and safe to use through a color legend and a single multistep flow selector. • Manual mode with clear voice prompts and issue of a metronome sound for chest compression(s) • Alarm system with alarm LEDs and alarm sounds • Lightweight at 700g – ideal for bags, emergency backpacks or wall mounting • Can be used consistently in the most vital of ventilation situations (demand flow mode, manual continuous ventilation)
9.4	<p>Fast strap restraint system</p> <ul style="list-style-type: none"> • EN 1789: 2020; 4.4.11; Page 27

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	<ul style="list-style-type: none"> • All person and items e.g., medical devices, equipment and object carried in the road ambulance shall be restrained, installed or stowed to prevent them becoming projectile when subjected to accelerations/decelerations of 10 g on the forward, rearward, left, right and vertical directions • 10 points, five strap system that is used to secure patients to backboards, scoop stretcher and other devices
9.5	Defibrillator Bracket (Lifepack / Zoll/ Philips/ Mindray) <ul style="list-style-type: none"> • Quick release mechanism allows for easy locking and unlocking of a defibrillator for grab-and-go convenience on scene. • Defibrillator bracket dimension must match with defibrillator provided
9.6	Sharp Container holder durable, fitted for vehicle
9.7	Glove Box Holder durable, fitted for vehicle
9.8	Trash Bin with Bracket or Holder durable for vehicle
10	BREAKDOWN & RECOVERY SERVICES
10.1	a) All Vehicles must be covered with 24 hours Breakdown /Recovery Service and Replacement Vehicle Service.
10.2	b) Contact information for the 24 hours Breakdown/Recovery Service and Replacement Vehicle Service shall be placed on the front /top right corner of windscreen on all Vehicles.
10.3	c) In the event of breakdown, the vendor shall provide towing service to send the breakdown vehicle for repair and a replacement vehicle of similar specification shall be delivered to the location within the time limits stipulated below from receipt of the notification of the call:
10.3.1	I. If within Brunei/Muara district: within 30-45 minutes from receipt of call out.
10.3.2	II. If within Tutong/Belait/Seria: within 60 - 90 minutes from receipt of call out.
10.3.3	III. If within Temburong: within 45 - 60 minutes from receipt of call out.
11	VEHICLE/S UNDER REPAIR
11.1	While the Vehicle/s is /are under repair, the Vendors shall provide replacement unit during the time of repair.
11.1.1	The awarded vendor shall provide two (2) units of identical vehicles (1 unit of ICU ambulance and 1 unit of ICU ambulance with negative pressure) as backup
11.2	The repair work shall be certified as acceptable by the Head or Senior Officer from Department of Estate, Ministry of Health. Repairs shall be carried out at the Vendor's expense (no charge to the Government).
12	SERVICE AND MAINTENANCE OF VEHICLES
12.1	The Vendors shall be required to provide servicing and maintenance for the Ambulances.
12.2	The total cost of the vehicle servicing and maintenance shall be included in the tender price.
12.3	Servicing shall include the supply of and replacement of all oils, lubricants, filters and any other material required to be changed, as laid down in the manufacturer's maintenance manual. <ul style="list-style-type: none"> • Only Fully Synthetic Oil • Service must be done at every 5000km mileage
12.4	Maintenance shall include the preventive maintenance to reduce incidents of break downs or mechanical failure. Washing and polishing of the interior and exterior of the Vehicles are to be done every quarterly.
12.5	Anybody damage including rust problem shall be fixed by the Vendors.
12.6	During schedule maintenance, replacement vehicle shall be provided.
13	All class of vehicle shall have:

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13.1	i. Small Fire Extinguisher of 1.5kg rechargeable CO2 type with mount in boot of vehicle
13.2	ii. Tool kit container
13.3	iii. Spare tyre (durable, standard tyre to be provided at vendor's cost). • Spare tyres provided must comply to vehicle operational safety demand/ standard as per required at specification of this tender requirement no 16
13.4	iv. Breakdown Warning Sign
13.5	v. wheel change tool comprising of: • One-wheel brace • One jack with handle inclusive a complete toolbox set
14	SERVICE PROGRAMME
14.1	The Vendors shall submit, at the time of delivery of the vehicles, a detail service program for the vehicle. The format for the service program shall be as follows: - I. Job Title: (eg. Servicing, overhaul, inspection) II. Frequency: (eg. Two months, 20,000km) III. Manpower: (eg. Two men, each for 3 hours) IV. Job Description: (Detailed, step by step job description shall be shown here. This will include material, special tools, if any to be used) V. Spare Parts: (This will identify the spare parts to be replaced. Also indicate manufacturer's part number) VI. Safety Procedure: (All safety measures to be observed by workers and operators shall be described here) The above shall be submitted for each job to be carried out by workers and operators and shall be described as stated.
14.2	Servicing for the Vehicles shall be promptly carried out by the Vendors according to the Service Plan and must be completed within one (1) working day.
15	Spare Parts All spare parts for the Vehicles supplied under this contract shall be included in the Tender Price.
16	Tyres All tyres including the spare tyres for the Vehicles supplied under this contract shall be provided by the Tender Price. Only Continental / Pirelli brand or acceptable standards that complies to the standard from the vehicle's manufacturer are acceptable Tyres provided must comply to vehicle operational safety demand/ standard. Also, be able to cater extra loads create upon imposed loads from driver, passenger and etc. Replacement tyres if required shall be as soon as possible/on the same day
17	PRE-DELIVERY PROCEDURES
17.1	Inspection and Lubrication Prior to delivery of the vehicle to the Government, the Vendors shall conduct systematic pre-delivery inspection and lubricate the vehicle as recommended by the manufacturer. The inspection and lubrication shall be duly documented and endorsed by a qualified inspector.
17.2	Roadworthiness Inspection a) The Vehicles shall be tested at inspection centres authorized by the Land Transport Department, Ministry of Communications, Brunei Darussalam (LTD). b) All unit including replacement unit shall be tested every 6 or 12 months c) All inspection fees shall be included in the Vendor price
17.3	Certificates

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	The Vendor shall submit to the Government documentary proof certifying the satisfactory completion of all procedures done including the service maintenance as stated above.
17.4	Registration of Vehicle
	The registration of the Vehicles shall be carried out by the Vendors at the LTD in accordance with the Road Traffic Act Chapter 68. Any fees to be incurred for registration shall be included in the Tender price.
	b) Any changes to the registration details of the Vehicles required by the Government shall be carried out by the Vendors. Any fees to be incurred for registration shall be included in the Tender price.
	c) The Vehicles shall be registered under the Government of Registration Number (BG). The Vendors are responsible for the registrations of the Vehicles.
17.5	Vehicle Log
	The Vendors shall maintain a log, both in hard copy and electronic form of all Vehicles supplied under this Contract which include the following information:
	a) The description of the Vehicle.
	b) Vehicle registration no should in running number and chassis no.
	c) Name of Assigned User.
	d) Date Vehicle assigned, and date returned to transport pool or other Location as specified by the Government.
e) Remarks for notification and recording of incidents, maintenance schedules and works, repair work etc.	
18	DELIVERY DATE
	Vehicles shall be delivered to the Government within 270 days from signing of the Contract.
	Vendors must provide briefing to the end user.
19	OPERATING MANUALS
19.1	The Tender shall supply operating manuals which described the operating procedures for the Vehicles and its accessories.
19.2	The text shall be in the English Language.
19.3	The above-mentioned manuals shall be delivered to the Government prior to the delivery of the vehicle to the Government site.
20	ADDITIONAL REQUIREMENTS
20.1	Acceptance Procedure for the Vehicles
20.1.1	The successful Vendor shall send English and Malay speaking engineers / staff on the date of delivery of the Vehicles to carry out the Acceptance procedures and handover the Vehicles to the Government.
20.1.2	The engineers / staff shall conduct visual inspection to confirm that the Vehicles have been fitted and supplied with all the sensors, interior, in-car entertainment system and accessories set out in the specifications.
20.1.3	The engineers / staff shall also demonstrate that the sensors, interior, in-car entertainment systems, and accessories function and shall also explain the features of the same.
20.1.4	The engineers / staff shall provide evidence of the registration, insurance, and compliance of the Vehicle to chassis, engine and fuel consumption specifications.
20.2	Storage of Vehicles
20.2.1	When commissioned, the Vehicles will be stored at the assigned User's premises or other location assigned by the Government.

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20.2.2	Any unassigned or unused Vehicles will be stored at such place(s) as instructed by the Government and shall be maintained and / or serviced by the Vendors in the manner specified above.
20.3	Vendors' Premises
20.3.1	The Vendors shall provide safe and secure premises to store any unassigned or unused Vehicles. Such Vehicles stored at the Vendors' premises are to be maintained and / or serviced by the Vendors in the manner specified above.
20.3.2	The premises must be a closed premise and have security to ensure security of the ambulance as well as equipped with proper decontamination areas for terminal cleaning and etc.
20.3.3	The Government shall have right of access to the Vendors' premises at which the Vehicles are stored for the purpose of inspecting the vehicles and to ensure that the Vendors is carrying out the services according to the specifications.
20.3.4	<p>Workshop Area</p> <p>The workshop area shall adhere to Authority for Building and Construction Industry (ABCI), Ministry of Development; Building Guidelines and Requirement, specifically for Ambulances (End-User) requirement:</p> <p>(a) The workshop shall have an appropriate secured and covered space to park and stage the ambulances during servicing and general care</p> <p>(b) The workshop must ensure the ambulance management/servicing area is not in close proximity to their general vehicle area or has an appropriate partition to segregate/isolate.</p> <p>(c) The workshop functional and operations usage must be certified by JPD requirements and standards.</p>
20.4	Delivery of Vehicles to assigned Users or to specified location
20.4.1	After commissioning of the Vehicles, the successful Vendors shall arrange for the delivery of any Vehicle(s) to any assigned User or to any location as may be required for its use by the Government during the duration of the Contract. All costs of delivery of the Vehicles are included in the Tender Price.
20.4.2	After commissioning, the successful Vendors shall also be responsible to collect Vehicle(s) from any specified location as instructed by the Government to be sent to the Vendors' premises for storage or to any other location specified by the Government. All costs of such collection and delivery of the Vehicles are included in the Tender Price.
20.5	Tenders Employees & personnel
20.5.1	All employees and personnel of the successful Vendors who will be assigned for the contract shall be subject to security vetting by the relevant Government agencies. Any employee or personnel who fail such security vetting shall not be permitted to be employed or work on or be any involved in the project and Vehicles.

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1	<p>SPECIFICATION:</p> <ol style="list-style-type: none"> 1. 9 Intensive Care / Patients transfer Unit Ambulance 2. 6 Intensive Care / Patients transfer Unit Ambulance (with negative pressure)
2	BASE VEHICLE
2.1	<ul style="list-style-type: none"> • Engine capacity: minimum 1800 cc or above • Engine power: minimum 120kw or above or intercooler TWIN turbo's • Transmission: Automatic (-TRONIC AT) • Fuel type: Diesel – Euro 3 above • Wheelbase: 3665 mm or above • Gross vehicle weight: 3500 kg or above • Steering type: Right • Fuel tank capacity: 71L or above • Minimum vehicle dimension: 2667mm(H) x 5932mm(L) x 2020mm(W) or above / without mirror or other assy (high roof spec) • Load compartment: 1800mm(H) x 3300mm(L) x 1650mm(W) or above • Door: 2 front/ 2 sliding/ 1 Rear • Emergency vehicles start up control function • Vehicles equip with 2 battery system • Charging alternator for vehicle must not less than 240 amp • Auxiliary battery must not less than 100amp • Vehicle with adblue system • Separate air-condition, roof mounted air conditioner with built in compressor unit • Built in parametric special module. • 360* camera system.
3	PATIENT'S COMPARTMENT
3.1	<p>CEN or EN standard</p> <ul style="list-style-type: none"> • Patient's Compartment; No 4.4; Page 18. • The patient's compartment shall be design and constructed to accommodate the medical devices listed in EN 1789: 2020.
3.2	<p>Interior with ABS material that's hard, durable, easy to clean and incombustible, curved finishing without any sharp angles fitted on the vehicle body.</p> <p>Safety securing of equipment in cabin must be EN 1789: 2020 / CEN compliant and layout/setting to meet service operational need.</p>
3.3	<p>The ceiling, the interior side walls and the doors of the patient's compartment shall be fully lined with ABS material (Acrylonitrile butadiene styrene), non-permeable and resistant to disinfectants</p>
3.4	<p>The edges of surfaces shall be designed and/or sealed in such a way that no fluid can infiltrate</p>
3.5	<p>The floor should be Anti-Skid and reinforced solid material to prevent bulging and oil canning. It should be insulated against outside fumes, heat/cold. It should be water resistant and covered with a seamless material which extend full length and width of patient's compartment, stretching under cabinet</p>
3.6	<p>All windows in patients' compartment must be lined up with one way extra dark sun-protection foil.</p>
3.7	<p>Two attendant seats can be turned to side wall when not in use, with arm-rest and three-point automatic safety belt. One Tip-up seat with seatbelt, head and backrest. Must be 10g tested in accordance with European Regulations EN1789: 2020 and EN1865-5</p>
3.8	<p>Electrical equipment</p> <ul style="list-style-type: none"> • 12V power socket = 3 pcs • 240V power socket = 3 pcs – British Standards • LED light system for patient's compartment with switches • Spotlights fix at rear door

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	<ul style="list-style-type: none"> • Power inverter will be required
3.9	<p>Oxygen Supply System must have British Standard</p> <ul style="list-style-type: none"> • 2 x Oxygen Cylinders (3000 litres each) with Bullnose Regulator – British Standard • 2 x Pin index Quick-coupling oxygen socket – British Standard – provide catalog • 1 x Flowmeter – provide catalog
3.10	<p>Compartment/ Cabinet/ Device for:</p> <ul style="list-style-type: none"> • Oxygen Cylinder • Scoop Stretcher • Spine board • Stair Chair • Small medical Accessories • Drawer • Sharp bin container • Glove box • Trash Bin • All item provides dimensions and specifications
3.11	<p>Medical Equipments:</p> <ul style="list-style-type: none"> • Defibrillator (LIFEPAK/ ZOLL/ PHILIPS /MINDRAY), Pre-Hospital durable with 12 Leads ECG Capable. • Suction Unit • Portable Ventilator • Infusion pump x 2 units • Syringe pump x 4 units • All item provide catalog with technical spec.
3.12	iNtraxx Wall mounted bag system for small medical item.
3.13	Entrance Step under sliding and back door, easy to operate, nonskid surface for safe operation.
3.14	<p>Intensive Care Unit / patients transfer Ambulance</p> <ul style="list-style-type: none"> • EN1822 and ISO 29463 Standard • EPA, HEPA & ULPA filters
3.15	Intelligent charging system and shoreline
3.16	Inverter vdc to vac must not less than 6000W
3.17	<p>GPS system The vehicles to be fitted with GPS tracking (Local Provider Compliant); front & back view recording camera; dash camera and parking (proximity) sensors. Daily mileage, fuel, time, location and record Monthly Report Displays monitor at base station Recording camera, 360* video recording Reverse Camera</p>
4	EXTERIOR
4.1	<p>Sign Lights, Warning Systems, color: Red/White;</p> <ul style="list-style-type: none"> • 1 x LED based Light bar • 2 x LED flashing light at Rear side • 2 x LED flashing light at Left side • 2 x LED flashing light at Right side • 2 x LED warn light at front mask • 2 x LED warn light at rear side door • 2 x LED warn light at side mirror

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4.2	Siren with speaker, (Rumbler Siren), Interact with most 100/200W emergency vehicle siren amplifier, Input voltage 9/15 Vdc, Frequency ranges: 182 to 400Hz. Provide interface separate switch for both Siren System
4.3	The vehicle shall be finished in glossy white.
4.4	Word "AMBULANCE", "991", "Logo", "Kementerian Kesihatan Negara Brunei Darussalam", "Bersama Ke Arah Warga Sihat", Red/White reflective stripes to be installed accordingly on vehicle and should be replaced if any of the sticker are peel off with no cost to the Government.
5	AMBULANCE STRETCHER, MEDICAL EQUIPMENT AND ACCESSORIES
5.1	ELECTRIC DRIVE STRETCHER Industry-leading battery technology provides high-powered ICS Integrated Charging system cross-compatible, as it can be used with a range of cot fastening system. Enduracharge Lithium ion battery Endura charge Power system Dimension (Max): 201cm(L) x 61cm(W) Load Weight: 300 kg or above Maximum Loading Height: 86 cm Bed Height Range: 35 – 98 cm FERNO / STRYKKER
5.2	STAIR CHAIR Dimension: 37in(H) x 19in(W) Weight: 19 lb Load Limit: 350 lb Designed to be stored in small spaces Functions well in confined areas such as narrow hallways and multiple-landing stairways Four lifting handles with nonslip handgrips
5.3	SUCTION UNIT <ul style="list-style-type: none"> • Compact, rugged, tilt-resistant and easy to carry • Vacuum can be set with infinite variety, can be read off on pressure gauge • Treating children and adults • Rechargeable battery pack • Compatible with ACCUVAC wall mounting • Dimension (mm): 370 x 277 x 146 • Weight: 5.25 kg approx. • Temperature (operation condition): -5°C to +50°C • Power supply: 12 to 15V Or 100 to 240V • Battery runtime: 40 mins
5.4	VENTILATOR <ol style="list-style-type: none"> 1. Reduces risk of gastric insufflation, barotrauma and hyperventilation. 2. Easy and safe to use through a color legend and a single multistep flow selector. 3. Manual mode with clear voice prompts and issue of a metronome sound for chest compression(s) 4. Alarm system with alarm LEDs and alarm sounds 5. Lightweight at 700g – ideal for bags, emergency backpacks or wall mounting 6. Can be used consistently in the most vital of ventilation situations (demand flow mode, manual continuous ventilation) 7. Dimension (mm): 145(H) x 100(W) x 90(D) 8. Weight: 0.6 kg approx. 9. Gas supply: Medical grade oxygen 10. Operating pressure: 2.7 to 6 bar* 11. Ventilation frequency: Adj from 10 to 25 min 12. Tidal volume (Vt): Adj from 65 to 950ml

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	13. Max ventilation pressure: 20 or 45 mbar* 14. Peak flow: 47 to 52 l/min
5.5	CARBONFIBRE SPINE BOARD WITH COMPLETE HEAD IMMOBILISER AND SECURING STRAP 14 large, raised handholds provide great manual handling options raised sides for easy hand grip access Quick cleaning and decontamination Strong, yet light in weight 5kg MRI and CT scan compatible X-Ray translucent Carry weight 220kg Dimension (cm): 183(L) x 42(W) Dimension: 183cm(L) x 42cm(W)
5.6	SCOOP STRETCHER Recessed head section to maintain proper cervical alignment Oval profile and angled handles provide ergonomic ease of use Narrow foot end frame for confined space handling X-Ray translucent, composite material thermally treated to not get too hot or cold Impervious to fluids, easy to clean Includes three restraints. Load Limit 227kg Dimension (cm): 201(L) x 43(W) Dimension: 201cm(L) x 43cm(W)
5.7	FAST STRAP RESTRAINT SYSTEM EN 1789: 2020; 4.4.11; Page 27 All persons and items e.g., medical devices, equipment and objects carried in the road ambulance shall be restrained, installed or stowed to prevent them becoming projectiles when subjected to accelerations/decelerations of 10 g on the forward, rearward, left, right and vertical directions The Faststrap Restraint System is a 10-point, five strap system that is used to secure patients to backboards, scoop stretchers and other devices.
5.8	Defibrillator bracket (LIFEPAK or ZOLL or PHILIPS or MINDRAY) Able to support >5kg This mount allows users to position and re-position defibrillators within the ambulance where it is most needed, while securely fastened to the vehicle in the event of a crash or hard manoeuvre. Quick release mechanism allows for easy locking and unlocking of a defibrillator for grab-and-go convenience on scene. Defibrillator bracket dimension must match with defibrillator provided
5.9	INTRAXX POLE MOUNT Weight: 1.62 kg Dimension (mm): 320(W) x 103(D) x 167(L) iNTRAXX pole mount provides multi solution for mounting medical devices such as Infusion pump, Syringe pump etc.
5.10	HARD SHELL CASES Rounded edges, moulded corner bumpers and sturdy feet protect the shell from damage A clear ID pocket on the outside of the case provides easy identification Glossy hard-shell finish is easy to clean and disinfect Magnetized carry handles clip neatly together and separate easily The case is closed with a strong double-ended zip featuring easy-pull loops Load capacity 11.34 Dimension (mm): 481(W) x 240(D) x 460(L)
	AMBULANCE STRETCHER LIFTING/SUPPORT MECHANISM Should the stretcher height is not parallel to the receiving bay of the ambulance, an appropriate automatic lift will be required to support and lift the stretcher onto the receiving bay. Alternative mechanism and options must meet the end user operational preference (Manual Handling safety).

SECTION 3
FORMS TO BE USED

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SECTION 3

SCHEDULE A – TENDER FORM

To:

TENDER REFERENCE NO: KK/303/2022/MOH(TC)

INVITATION TO TENDER

THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH FOR A PERIOD OF SEVEN (7) YEARS

TENDER OF (*name of tenderer*) _____

Company/Business Registration No _____

Tender Closing Date: _____

ITEM NO.	DESCRIPTION	NO. OF UNITS REQUIRED	PRICE/UNIT/MONTH (B\$)	TOTAL PRICE/MONTH (B\$)	DURATION REQUIRED	AMOUNT
	TO PROVIDE RENTAL OF VEHICLES AS PER SPECIFICATION FOR MINISTRY OF HEALTH (refer to Section 2 – Specifications for details)					

ITEM NO.	DESCRIPTION	NO. OF UNITS REQUIRED	PRICE/UNIT/MONTH (B\$)	TOTAL PRICE/MONTH (B\$)	DURATION REQUIRED	AMOUNT
1 (A)	INTENSIVE CARE/PATIENTS TRANSFER UNIT AMBULANCE	9				
1(B)	INTENSIVE CARE/PATIENTS TRANSFER UNIT AMBULANCE (WITH NEGATIVE PRESSURE)	6				
1.2.	BRAND OFFER:					
1.3	ENGINE CAPACITY:					
1.4	MODEL:					
TOTAL		15	\$	\$	7 YEARS	\$

ITEM NO.	DESCRIPTION	NO. OF UNITS REQUIRED	PRICE/UNIT/MONTH (B\$)	TOTAL PRICE/MONTH (B\$)	DURATION REQUIRED	AMOUNT
TOTAL PRICE PER MONTH (B\$)						\$
TOTAL PRICE PER YEAR (B\$)						\$
TOTAL PRICE FOR SEVEN (7) YEARS (B\$)						\$

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
1.	GENERAL SPECIFICATION:	
1.1	Vehicles for rental (here in after referred to as the "Vehicles") under this tender are categorized and unit required as follows;	
	(1) Intensive Care Ambulance= 09 units	
	(2) Intensive Care Ambulance (Negative Pressure) = 06 units	
	All Vehicles proposed must be right-hand drive vehicles. All Vehicles must be brand new.	
1.2	SPECIFICATION STANDARD	
1.2.1	All Vehicles shall comply with local land transport department safety requirement with modification safety align to EN 1789:2020 (Medical and their equipment- Road ambulances) or equivalent	
	All Vehicles must be built on an appropriate chassis of high safety standards and equipped with in-car safety equipment. The body design must be engineered to high quality standards.	
1.3	PROCUREMENT	
1.3.1	The Government is procuring the Vehicles and the services for the Vehicles on the basis of an Operating Lease.	
	All vehicles are to be on leased basis for the period stated in para 1.3.4	
	The Government reserves the right to choose vendors based on each class of vehicles offered	
1.3.2	Tender submission shall include the cost of all services and supplies (including tyres, parts replacement, periodic maintenance, breakdown / recovery, provision of replacement vehicles etc. set out in this tender)	
1.3.3	Incomplete documentation by vendor will not be entertain and considered	
1.3.4	The period of lease is 7 years. The government may opt to extend the lease up to 2 years.	
1.3.5	Vendor can give price offered excluding vehicle import tax	
1.4	INSURANCE	
1.4.1	Tenders are to provide the following types of insurance coverage for the Vehicles supplied:	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION		
	i. Comprehensive vehicle insurance, ii. Driver and Passenger coverage, iii. Medical equipment and Vehicle content coverage iv. 'Ambulance' stated in Insurance Policy			
2	CHASSIS – Please refer to SPECS indicated for each type of ambulances			
3	ENGINE			
3.1	Emphasis is given on fuel economy. Only diesel-based engines may be quoted. Provision must be made to ensure reliable and quick start-up of the engine by means of an electrically operated starter of adequate power.			
3.1.1	a. Manufacturer: The Vehicles under this Lease Term shall originate only from Japan, European, Korea. [Note: Only one make and model to be offered for each class of ambulance. No alternatives allowed or will be considered. If any alternative is offered, only the first offer will be considered] Design /Type: Intensive Care Unit Ambulance			
3.1.2	b. Displacement (Size of Engine): <table border="1" data-bbox="302 946 1247 1010"> <tr> <td data-bbox="302 946 719 1010">Intensive Care Unit Ambulance</td> <td data-bbox="719 946 1247 1010">Minimum 1800 cc or higher (turbo fitted engine is an advantage)</td> </tr> </table>	Intensive Care Unit Ambulance	Minimum 1800 cc or higher (turbo fitted engine is an advantage)	
Intensive Care Unit Ambulance	Minimum 1800 cc or higher (turbo fitted engine is an advantage)			
3.1.3	c. Torque Output: 280Nm or approximately or above			
3.1.4	d. Minimum Power Output: 120kw or approximately or above			
3.2	Visual warning devices, visible from the driver's position, shall be provided for high engine temperature and low oil pressure.			
3.3	The contractor shall affix a permanent plate in the driver's compartment specifying the quantity and type of the following fluids used in the vehicles <ul style="list-style-type: none"> • Chassis transmission fluid • Pump transmission lubricating fluid • Pump primer fluid, if used • Drive axle lubrication fluid 			

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
4	FUEL SUPPLY & CONSUMPTION Ministry of Health is to provide and supply the fuel for the Ambulances for the duration of the contract.	
4.1	Fuel Consumption Economic fuel consumption city, urban and rural must be more than 28 mpg (combined) or equivalent.	
4.2	Tank Capacity Fuel tank capacity of at least 71 litres with fuel filling orifice of sufficient size and location to allow fueling from standard commercial pump dispensing nozzles or from jerry can (via a funnel) for on-site fueling should this be necessary. Type of fuel used will be clearly labeled on the fuel cap or adjacent bodywork.	
5	AIRCONDITION	
5.1	Air-condition & ventilation system <ul style="list-style-type: none"> • EN 1789:2020; No. 4.4.7; page 25 • At an inside temperature of 32 degree Celsius, the cooling system shall reduce the temperature in the patient's compartment to 27 degrees Celsius or less within 15 minutes and reduce to 25 degrees Celsius or less within 30 degrees Celsius. • Individual rear passenger climate control system. Air condition will be of evaporator blower compressor, condenser, receiver/drier, expansion valve/thermostat hoses and piping factory fitted with R134 gas type. • Rear passenger switches for the control of the cooling temperature to be fitted 	
6	IN VEHICLES ENTERTAINMENT SYSTEM	
6.1	All ambulances are to be fitted with an in-car entertainment system and must have at least AM/FM radio.	
6.2	Optional and other value-added features such as rear seat passenger massage may be given.	
7	SAFETY SYSTEMS	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
7.1	All Ambulances must be fitted with <ol style="list-style-type: none"> a. Anti-Lock Braking System b. Traction Control c. Airbags 	
8	SENSORS AND AUDIO VISUAL	
8.1	All Ambulances to be fitted with GPS tracking (Local Provider Compliant); front & back view recording camera, dash camera and parking (proximity) sensors.	
8.2	b. The following visual & audible warning indicators shall be provided: <ol style="list-style-type: none"> I. Low engine oil pressure light. II. Low air brake air pressure and warning buzzer III. High beam light. IV. Flashing turn indicator light. V. Battery 'No Charge' light. VI. Parking brake 'On' warning light. VII. Key in ignition warning; and VIII. Headlights 'left on' warning 	
9	MEDICAL EQUIPMENT & ACCESSORIES	
9.1	<p>Patient trolley</p> <ul style="list-style-type: none"> • Patient trolley with International Standards EN1789: 2020; or SAE J3027 equivalent. • The fixation system (s), retention (s), or storage (s) shall hold the device to withstand acceleration or deceleration of 10g longitudinal. • Patient Stretcher Trolley must be 350kg min weight capacity load. <p><u>Intensive Care Unit Ambulance</u> Electric drive stretcher</p> <ul style="list-style-type: none"> • Load weight 300kg or above • Provide power, stability, maneuverability and reliable performance. • ICS Integrated Charging System • Enduracharge Power System • Enduracharge Lithium ion battery 	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
9.2	Stair Chair Apart from indicated in each type of vehicle, all vehicles must be fitted with: Locking safety latch <ul style="list-style-type: none"> • Restraint for chest, thigh and lower leg 	
9.3	Ventilator (mandatory for Intensive Care Unit Ambulance) – as indicated in Intensive Care Unit Ambulance. <ul style="list-style-type: none"> • Reduces risk of gastric insufflation, barotrauma and hyperventilation • Easy and safe to use through a color legend and a single multistep flow selector. • Manual mode with clear voice prompts and issue of a metronome sound for chest compression(s) • Alarm system with alarm LEDs and alarm sounds • Lightweight at 700g – ideal for bags, emergency backpacks or wall mounting • Can be used consistently in the most vital of ventilation situations (demand flow mode, manual continuous ventilation) 	
9.4	Fast strap restraint system <ul style="list-style-type: none"> • EN 1789: 2020; 4.4.11; Page 27 • All person and items e.g., medical devices, equipment and object carried in the road ambulance shall be restrained, installed or stowed to prevent them becoming projectile when subjected to accelerations/decelerations of 10 g on the forward, rearward, left, right and vertical directions • 10 points, five strap system that is used to secure patients to backboards, scoop stretcher and other devices 	
9.5	Defibrillator Bracket (Lifepack / Zoll/ Philips/ Mindray) <ul style="list-style-type: none"> • Quick release mechanism allows for easy locking and unlocking of a defibrillator for grab-and-go convenience on scene. • Defibrillator bracket dimension must match with defibrillator provided 	
9.6	Sharp Container holder durable, fitted for vehicle	
9.7	Glove Box Holder durable, fitted for vehicle	
9.8	Trash Bin with Bracket or Holder durable for vehicle	
10	BREAKDOWN & RECOVERY SERVICES	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
10.1	a) All Vehicles must be covered with 24 hours Breakdown /Recovery Service and Replacement Vehicle Service.	
10.2	b) Contact information for the 24 hours Breakdown/Recovery Service and Replacement Vehicle Service shall be placed on the front /top right corner of windscreen on all Vehicles.	
10.3	c) In the event of breakdown, the vendor shall provide towing service to send the breakdown vehicle for repair and a replacement vehicle of similar specification shall be delivered to the location within the time limits stipulated below from receipt of the notification of the call:	
10.3.1	I. If within Brunei/Muara district: within 30-45 minutes from receipt of call out.	
10.3.2	II. If within Tutong/Belait/Seria: within 60 - 90 minutes from receipt of call out.	
10.3.3	III. If within Temburong: within 45 - 60 minutes from receipt of call out.	
11	VEHICLE/S UNDER REPAIR	
11.1	While the Vehicle/s is /are under repair, the Vendors shall provide replacement unit during the time of repair.	
11.1.1	The awarded vendor shall provide two (2) units of identical vehicles (1 unit of ICU ambulance and 1 unit of ICU ambulance with negative pressure) as backup	
11.2	The repair work shall be certified as acceptable by the Head or Senior Officer from Department of Estate, Ministry of Health. Repairs shall be carried out at the Vendor's expense (no charge to the Government).	
12	SERVICE AND MAINTENANCE OF VEHICLES	
12.1	The Vendors shall be required to provide servicing and maintenance for the Ambulances.	
12.2	The total cost of the vehicle servicing and maintenance shall be included in the tender price.	
12.3	Servicing shall include the supply of and replacement of all oils, lubricants, filters and any other material required to be changed, as laid down in the manufacturer's maintenance manual. <ul style="list-style-type: none"> • Only Fully Synthetic Oil • Service must be done at every 5000km mileage 	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
12.4	Maintenance shall include the preventive maintenance to reduce incidents of break downs or mechanical failure. Washing and polishing of the interior and exterior of the Vehicles are to be done every quarterly.	
12.5	Anybody damage including rust problem shall be fixed by the Vendors.	
12.6	During schedule maintenance, replacement vehicle shall be provided.	
13	All class of vehicle shall have:	
13.1	i. Small Fire Extinguisher of 1.5kg rechargeable CO2 type with mount in boot of vehicle	
13.2	ii. Tool kit container	
13.3	iii. Spare tyre (durable, standard tyre to be provided at vendor's cost). • Spare tyres provided must comply to vehicle operational safety demand/ standard as per required at specification of this tender requirement no 16	
13.4	iv. Breakdown Warning Sign	
13.5	v. wheel change tool comprising of: • One-wheel brace • One jack with handle inclusive a complete toolbox set	
14	SERVICE PROGRAMME	
14.1	The Vendors shall submit, at the time of delivery of the vehicles, a detail service program for the vehicle. The format for the service program shall be as follows: - I. Job Title: (eg. Servicing, overhaul, inspection) II. Frequency: (eg. Two months, 20,000km) III. Manpower: (eg. Two men, each for 3 hours) IV. Job Description: (Detailed, step by step job description shall be shown here. This will include material, special tools, if any to be used) V. Spare Parts: (This will identify the spare parts to be replaced. Also indicate manufacturer's part number) VI. Safety Procedure: (All safety measures to be observed by workers and operators shall be described here) The above shall be submitted for each job to be carried out by workers and operators and shall be described as stated.	
14.2	Servicing for the Vehicles shall be promptly carried out by the Vendors	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	according to the Service Plan and must be completed within one (1) working day.	
15	<p>Spare Parts</p> <p>All spare parts for the Vehicles supplied under this contract shall be included in the Tender Price.</p>	
16	<p>Tyres</p> <p>All tyres including the spare tyres for the Vehicles supplied under this contract shall be provided by the Tender Price. Only Continental / Pirelli brand or acceptable standards that complies to the standard from the vehicle's manufacturer are acceptable</p> <p>Tyres provided must comply to vehicle operational safety demand/ standard. Also, be able to cater extra loads create upon imposed loads from driver, passenger and etc.</p> <p>Replacement tyres if required shall be as soon as possible/on the same day</p>	
17	PRE-DELIVERY PROCEDURES	
17.1	<p>Inspection and Lubrication</p> <p>Prior to delivery of the vehicle to the Government, the Vendors shall conduct systematic pre-delivery inspection and lubricate the vehicle as recommended by the manufacturer. The inspection and lubrication shall be duly documented and endorsed by a qualified inspector.</p>	
17.2	<p>Roadworthiness Inspection</p> <p>a) The Vehicles shall be tested at inspection centres authorized by the Land Transport Department, Ministry of Communications, Brunei Darussalam (LTD).</p> <p>b) All unit including replacement unit shall be tested every 6 or 12 months</p> <p>c) All inspection fees shall be included in the Vendor price</p>	
17.3	<p>Certificates</p> <p>The Vendor shall submit to the Government documentary proof certifying the satisfactory completion of all procedures done including the service maintenance as stated above.</p>	
17.4	Registration of Vehicle	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	<p>The registration of the Vehicles shall be carried out by the Vendors at the LTD in accordance with the Road Traffic Act Chapter 68. Any fees to be incurred for registration shall be included in the Tender price.</p> <p>b) Any changes to the registration details of the Vehicles required by the Government shall be carried out by the Vendors. Any fees to be incurred for registration shall be included in the Tender price.</p> <p>c) The Vehicles shall be registered under the Government of Registration Number (BG). The Vendors are responsible for the registrations of the Vehicles.</p>	
17.5	<p>Vehicle Log</p> <p>The Vendors shall maintain a log, both in hard copy and electronic form of all Vehicles supplied under this Contract which include the following information:</p> <p>a) The description of the Vehicle.</p> <p>b) Vehicle registration no should in running number and chassis no.</p> <p>c) Name of Assigned User.</p> <p>d) Date Vehicle assigned, and date returned to transport pool or other Location as specified by the Government.</p> <p>e) Remarks for notification and recording of incidents, maintenance schedules and works, repair work etc.</p>	
18	<p>DELIVERY DATE</p> <p>Vehicles shall be delivered to the Government within 270 days from signing of the Contract.</p> <p>Vendors must provide briefing to the end user.</p>	
19	<p>OPERATING MANUALS</p>	
19.1	<p>The Tender shall supply operating manuals which described the operating procedures for the Vehicles and its accessories.</p>	
19.2	<p>The text shall be in the English Language.</p>	
19.3	<p>The above-mentioned manuals shall be delivered to the Government prior to the delivery of the vehicle to the Government site.</p>	
20	<p>ADDITIONAL REQUIREMENTS</p>	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
20.1	Acceptance Procedure for the Vehicles	
20.1.1	The successful Vendor shall send English and Malay speaking engineers / staff on the date of delivery of the Vehicles to carry out the Acceptance procedures and handover the Vehicles to the Government.	
20.1.2	The engineers / staff shall conduct visual inspection to confirm that the Vehicles have been fitted and supplied with all the sensors, interior, in-car entertainment system and accessories set out in the specifications.	
20.1.3	The engineers / staff shall also demonstrate that the sensors, interior, in-car entertainment systems, and accessories function and shall also explain the features of the same.	
20.1.4	The engineers / staff shall provide evidence of the registration, insurance, and compliance of the Vehicle to chassis, engine and fuel consumption specifications.	
20.2	Storage of Vehicles	
20.2.1	When commissioned, the Vehicles will be stored at the assigned User's premises or other location assigned by the Government.	
20.2.2	Any unassigned or unused Vehicles will be stored at such place(s) as instructed by the Government and shall be maintained and / or serviced by the Vendors in the manner specified above.	
20.3	Vendors' Premises	
20.3.1	The Vendors shall provide safe and secure premises to store any unassigned or unused Vehicles. Such Vehicles stored at the Vendors' premises are to be maintained and / or serviced by the Vendors in the manner specified above.	
20.3.2	The premises must be a closed premise and have security to ensure security of the ambulance as well as equipped with proper decontamination areas for terminal cleaning and etc.	
20.3.3	The Government shall have right of access to the Vendors' premises at which the Vehicles are stored for the purpose of inspecting the vehicles and to ensure that the Vendors is carrying out the services according to the specifications.	
20.3.4	Workshop Area The workshop area shall adhere to Authority for Building and Construction Industry (ABCI), Ministry of Development; Building	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	<p>Guidelines and Requirement, specifically for Ambulances (End-User) requirement:</p> <p>(a) The workshop shall have an appropriate secured and covered space to park and stage the ambulances during servicing and general care</p> <p>(b) The workshop must ensure the ambulance management/servicing area is not in close proximity to their general vehicle area or has an appropriate partition to segregate/isolate.</p> <p>(c) The workshop functional and operations usage must be certified by JPD requirements and standards.</p>	
20.4	Delivery of Vehicles to assigned Users or to specified location	
20.4.1	After commissioning of the Vehicles, the successful Vendors shall arrange for the delivery of any Vehicle(s) to any assigned User or to any location as may be required for its use by the Government during the duration of the Contract. All costs of delivery of the Vehicles are included in the Tender Price.	
20.4.2	After commissioning, the successful Vendors shall also be responsible to collect Vehicle(s) from any specified location as instructed by the Government to be sent to the Vendors' premises for storage or to any other location specified by the Government. All costs of such collection and delivery of the Vehicles are included in the Tender Price.	
20.5	Tenders Employees & personnel	
20.5.1	All employees and personnel of the successful Vendors who will be assigned for the contract shall be subject to security vetting by the relevant Government agencies. Any employee or personnel who fail such security vetting shall not be permitted to be employed or work on or be any involved in the project and Vehicles.	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
1	SPECIFICATION:	
	<ol style="list-style-type: none"> 1. 9 Intensive Care / Patients transfer Unit Ambulance 2. 6 Intensive Care / Patients transfer Unit Ambulance (with negative pressure) 	
2	BASE VEHICLE	
2.1	<ul style="list-style-type: none"> • Engine capacity: minimum 1800 cc or above • Engine power: minimum 120kw or above or intercooler TWIN turbo's • Transmission: Automatic (-TRONIC AT) • Fuel type: Diesel – Euro 3 above • Wheelbase: 3665 mm or above • Gross vehicle weight: 3500 kg or above • Steering type: Right • Fuel tank capacity: 71L or above • Minimum vehicle dimension: 2667mm(H) x 5932mm(L) x 2020mm(W) or above / without mirror or other assy (high roof spec) • Load compartment: 1800mm(H) x 3300mm(L) x 1650mm(W) or above • Door: 2 front/ 2 sliding/ 1 Rear • Emergency vehicles start up control function • Vehicles equip with 2 battery system • Charging alternator for vehicle must not less than 240 amp • Auxiliary battery must not less than 100amp • Vehicle with adblue system • Separate air-condition, roof mounted air conditioner with built in compressor unit • Built in parametric special module. • 360* camera system. 	
3	PATIENT'S COMPARTMENT	
3.1	<p>CEN or EN standard</p> <ul style="list-style-type: none"> • Patient's Compartment; No 4.4; Page 18. • The patient's compartment shall be design and constructed to accommodate the medical devices listed in EN 1789: 2020. 	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
3.2	Interior with ABS material that's hard, durable, easy to clean and incombustible, curved finishing without any sharp angles fitted on the vehicle body. Safety securing of equipment in cabin must be EN 1789: 2020 / CEN compliant and layout/setting to meet service operational need.	
3.3	The ceiling, the interior side walls and the doors of the patient's compartment shall be fully lined with ABS material (Acrylonitrile butadiene styrene), non-permeable and resistant to disinfectants	
3.4	The edges of surfaces shall be designed and/or sealed in such a way that no fluid can infiltrate	
3.5	The floor should be Anti-Skid and reinforced solid material to prevent bulging and oil canning. It should be insulated against outside fumes, heat/cold. It should be water resistant and covered with a seamless material which extend full length and width of patient's compartment, stretching under cabinet	
3.6	All windows in patients' compartment must be lined up with one way extra dark sun-protection foil.	
3.7	Two attendant seats can be turned to side wall when not in use, with arm-rest and three-point automatic safety belt. One Tip-up seat with seatbelt, head and backrest. Must be 10g tested in accordance with European Regulations EN1789: 2020 and EN1865-5	
3.8	<p>Electrical equipment</p> <ul style="list-style-type: none"> • 12V power socket = 3 pcs • 240V power socket = 3 pcs – British Standards • LED light system for patient's compartment with switches • Spotlights fix at rear door • Power inverter will be required 	
3.9	<p>Oxygen Supply System must have British Standard</p> <ul style="list-style-type: none"> • 2 x Oxygen Cylinders (3000 litres each) with Bullnose Regulator – British Standard • 2 x Pin index Quick-coupling oxygen socket – British Standard – provide catalog • 1 x Flowmeter – provide catalog 	
3.10	<p>Compartment/ Cabinet/ Device for:</p> <ul style="list-style-type: none"> • Oxygen Cylinder • Scoop Stretcher • Spine board 	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	<ul style="list-style-type: none"> • Stair Chair • Small medical Accessories • Drawer • Sharp bin container • Glove box • Trash Bin • All item provides dimensions and specifications 	
3.11	<p>Medical Equipments:</p> <ul style="list-style-type: none"> • Defibrillator (LIFEPAK/ ZOLL/ PHILIPS /MINDRAY), Pre-Hospital durable with 12 Leads ECG Capable. • Suction Unit • Portable Ventilator • Infusion pump x 2 units • Syringe pump x 4 units • All item provide catalog with technical spec. 	
3.12	iNtraxx Wall mounted bag system for small medical item.	
3.13	Entrance Step under sliding and back door, easy to operate, nonskid surface for safe operation.	
3.14	<p>Intensive Care Unit / patients transfer Ambulance</p> <ul style="list-style-type: none"> • EN1822 and ISO 29463 Standard • EPA, HEPA & ULPA filters 	
3.15	Intelligent charging system and shoreline	
3.16	Inverter vdc to vac must not less than 6000W	
3.17	<p>GPS system</p> <ul style="list-style-type: none"> • The vehicles to be fitted with GPS tracking (Local Provider Compliant); front & back view recording camera; dash camera and parking (proximity) sensors. • Daily mileage, fuel, time, location and record • Monthly Report • Displays monitor at base station • Recording camera, 360* video recording • Reverse Camera 	
4	EXTERIOR	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
4.1	Sign Lights, Warning Systems, color: Red/White; <ul style="list-style-type: none"> • 1 x LED based Light bar • 2 x LED flashing light at Rear side • 2 x LED flashing light at Left side • 2 x LED flashing light at Right side • 2 x LED warn light at front mask • 2 x LED warn light at rear side door • 2 x LED warn light at side mirror 	
4.2	Siren with speaker, (Rumbler Siren), Interact with most 100/200W emergency vehicle siren amplifier, Input voltage 9/15 Vdc, Frequency ranges: 182 to 400Hz. Provide interface separate switch for both Siren System	
4.3	The vehicle shall be finished in glossy white.	
4.4	Word "AMBULANCE", "991", "Logo", "Kementerian Kesihatan Negara Brunei Darussalam", "Bersama Ke Arah Warga Sihat", Red/White reflective stripes to be installed accordingly on vehicle and should be replaced if any of the sticker are peel off with no cost to the Government.	
5	AMBULANCE STRETCHER, MEDICAL EQUIPMENT AND ACCESSORIES	
5.1	ELECTRIC DRIVE STRETCHER 5 Industry-leading battery technology provides high-powered 6 ICS Integrated Charging system 7 cross-compatible, as it can be used with a range of cot fastening system. 8 Enduracharge Lithium ion battery 9 Endura charge Power system 10 Dimension (Max): 201cm(L) x 61cm(W) 11 Load Weight: 300 kg or above 12 Maximum Loading Height: 86 cm 13 Bed Height Range: 35 – 98 cm 14 FERNO / STRYKKER	
5.2	STAIR CHAIR I. Dimension: 37in(H) x 19in(W) II. Weight: 19 lb III. Load Limit: 350 lb IV. Designed to be stored in small spaces V. Functions well in confined areas such as narrow hallways and multiple-	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	landing stairways 1. Four lifting handles with nonslip handgrips	
5.3	SUCTION UNIT <ul style="list-style-type: none"> • Compact, rugged, tilt-resistant and easy to carry • Vacuum can be set with infinite variety, can be read off on pressure gauge • Treating children and adults • Rechargeable battery pack • Compatible with ACCUVAC wall mounting • Dimension (mm): 370 x 277 x 146 • Weight: 5.25 kg approx. • Temperature (operation condition): -5°C to +50°C • Power supply: 12 to 15V Or 100 to 240V • Battery runtime: 40 mins 	
5.4	VENTILATOR Reduces risk of gastric insufflation, barotrauma and hyperventilation. Easy and safe to use through a color legend and a single multistep flow selector. Manual mode with clear voice prompts and issue of a metronome sound for chest compression(s) Alarm system with alarm LEDs and alarm sounds Lightweight at 700g – ideal for bags, emergency backpacks or wall mounting Can be used consistently in the most vital of ventilation situations (demand flow mode, manual continuous ventilation) Dimension (mm): 145(H) x 100(W) x 90(D) Weight: 0.6 kg approx. Gas supply: Medical grade oxygen Operating pressure: 2.7 to 6 bar* Ventilation frequency: Adj from 10 to 25 min Tidal volume (Vt): Adj from 65 to 950ml Max ventilation pressure: 20 or 45 mbar* Peak flow: 47 to 52 l/min	
5.5	CARBONFIBRE SPINE BOARD WITH COMPLETE HEAD IMMOBILISER AND SECURING STRAP <ul style="list-style-type: none"> • 14 large, raised handholds provide great manual handling options 	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	<ul style="list-style-type: none"> • raised sides for easy hand grip access • Quick cleaning and decontamination • Strong, yet light in weight 5kg • MRI and CT scan compatible • X-Ray translucent • Carry weight 220kg • Dimension (cm): 183(L) x 42(W)Dimension: 183cm(L) x 42cm(W) 	
5.6	<p>SCOOP STRETCHER</p> <ul style="list-style-type: none"> • Recessed head section to maintain proper cervical alignment • Oval profile and angled handles provide ergonomic ease of use • Narrow foot end frame for confined space handling • X-Ray translucent, composite material thermally treated to not get too hot or cold • Impervious to fluids, easy to clean • Includes three restraints. • Load Limit 227kg • Dimension (cm): 201(L) x 43(W)Dimension: 201cm(L) x 43cm(W) 	
5.7	<p>FAST STRAP RESTRAINT SYSTEM</p> <ol style="list-style-type: none"> 1. EN 1789: 2020; 4.4.11; Page 27 2. All person and items e.g., medical devices, equipment and object carried in the road ambulance shall be restrained, installed or stowed to prevent them becoming projectile when subjected to accelerations/decelerations of 10 g on the forward, rearward, left, right and vertical directions 3. The Faststrap Restraint System is a 10-point, five strap system that is used to secure patients to backboards, scoop stretcher and other devices. 	
5.8	<p>Defibrillator bracket (LIFEPAK or ZOLL or PHILIPS or MINDRAY)</p> <p>Able to support >5kg</p> <p>This mount allows users to position and re-position defibrillators within the ambulance where it is most needed, while securely fastened to the vehicle in the</p>	

NO.	THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH	MAKE/MODEL/DETAILS/ INFORMATION
	<p>event or a crash or hard manoeuvre. Quick release mechanism allows for easy locking and unlocking of a defibrillator for grab-and-go convenience on scene. Defibrillator bracket dimension must match with defibrillator provided</p>	
5.9	<p>iNTRAXX POLE MOUNT</p> <ul style="list-style-type: none"> • Weight: 1.62 kg • Dimension (mm): 320(W) x 103(D) x 167(L) • iNTRAXX pole mount prove multi solution for mounting medical devices such as Infusion pump, Syringe pump etc. 	
5.10	<p>HARD SHELLLED CASES</p> <ul style="list-style-type: none"> • Rounded edges, moulded corner bumpers and sturdy feet protect the shell from damage • A clear ID pocket on the outside of the case provides easy identification • Glossy hard-shell finish is easy to clean and disinfect • Magnetized carry handles clip neatly together and separate easily • The case is closed with a strong double-ended zip featuring easy-pull loops • Load capacity 11.34 • Dimension (mm): 481(W) x 240(D) x 460(L) 	
	<p>AMBULANCE STRETCHER LIFTING/SUPPORT MECHANISM Should the stretcher height is not parallel to the receiving bay of the ambulance, an appropriate automatic lift will be required to support and lift the stretcher onto the receiving bay. Alternative mechanism and options must meet the end user operational preference (Manual Handling safety).</p>	

FINAL ACCEPTANCE CERTIFICATE

PROJECT: **INVITATION TO TENDER FOR THE PROVISION OF INTENSIVE CARE AMBULANCE RENTAL SERVICES FOR EMERGENCY MEDICAL AMBULANCE SERVICES (EMAS), MINISTRY OF HEALTH FOR A PERIOD OF SEVEN (7) YEARS**

PROJECT REF: _____

COMPANY'S NAME: _____

It is hereby certificated that all VEHICLES delivered under the AGREEMENT have been inspected and that they conform to the Specifications set out in the AGREEMENT.

The date of Final Acceptance Certificate shall be the date of commencement of the Lease Term as defined in the AGREEMENT.

For the GOVERNMENT

Name: _____

Date: _____

Signature: _____

REMARKS: _____

1. We offer and undertake on your acceptance of our Tender to provide the above mentioned services in accordance with your Invitation To Tender.
2. Our Tender is fully consistent with and does not contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.
3. We shall execute a formal agreement in the appropriate form set out in Section 4 – Contract of the Invitation to Tender together with such further terms and conditions, if any, agreed between the Government and us.
4. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDER MONTHS FROM THE TENDER CLOSING DATE.
5. When requested by you, we shall extend the validity of this offer.
6. We further undertake to give you any further information which you may require.

Dated this _____ day of _____, _____

Signature of authorised officer of Tenderer

Name:

Designation:

Tenderer's official stamp:

SCHEDULE B
INFORMATION SUMMARY

2.1 Tenderers shall provide in this Schedule the following information:

- a) Management summary
- b) Company profile [including Contractor and sub-contractor(s), if any]
- c) Years of experience (as of the Tender Closing Date) of the Contractor and sub-contractor(s) in the:
 - **SUPPLYING, MAINTAINING VEHICLES AND DELIVERY OF VEHICLES ON LEASE OR RENTAL**
- d) Minimum manpower proposal for the project which will be full time on site
- e) Other information which is considered relevant.

SCHEDULE C
SUB-CONTRACTORS

- 3.1 Tenderers shall complete Table 3 with information about all the companies involved in the provisions of the services and items specified in this tender. This shall include details about the Contractor and each sub-contractor involved, as well as their respective responsibilities.
- 3.2 Tenderers shall also indicate in Table 3 any alliance relationship established with each sub-contractor. An alliance is defined as a formal and binding business relationship between the allied parties.

Table – 3 Responsibility Table.

		Alliance Relationship between Contractor and Sub-Contractor(s)		
Company's Name	Responsibility Descriptions	Alliance Exists? (Y/N)	Date Established	Alliance Description
Contractor				
		Not Applicable	Not Applicable	Not Applicable
Sub-Contractor(s)				

SCHEDULE D

COMPANY'S PROFILE

- 4.1 Each of the companies involved in this tender, including Contractor and sub-contractor(s) (if any), shall provide information on the company's financial standing and certified copy of its Certificate of Incorporation, Form X or Section 16 & 17, and Certificate of Approved Workshop from Land Transport Department, Ministry of Communications

Name of Company _____

Registration No. _____

Type Of Company _____

(Sdn.Bhd., Partnership, Sole proprietor, Joint Venture, Trading Co.)

Authorised Capital (B\$)

Paid-up Capital (B\$)

Banker for the Company's business _____

Table 4 - Shareholders Table

Directors/Shareholders/ Proprietor	Percentage Share	Brunei I/C Number	Immigration Status

Current workforce (No.of persons) in Brunei :-

a) Management : b) Engineers :.....

c) Technicians : d) Tradesman :

e) Trainee/Workmen : f) Others :

TOTAL WORKFORCE :No .of persons.

We certify that he above information is correct.

SCHEDULE E

REFERENCES

- 14.1 Tenderers shall submit a list of customers in Table 5 to whom the Contractor has provided similar services and items as specified in this tender in the recent 5 years as of the Tender Closing Date.

Table 5 - References of Previous Customers

Customer Name & Address	Customer Type (Gov't or Quasi-Gov't)	Contact Person	Title	Contact Number Fax Number & Email Address

*Note: Tenderers shall indicate whether the customer is a Government or Quasi Government organisation. A Quasi Government is defined as an organisation which (1) is managed and controlled by the Government; or (2) has at least 50% shares being held by the Government. Please leave the column blank if the customer is neither a Government or Quasi Government organisation.

- 5.2 The Ministry of Health shall treat all the information submitted under this schedule in strict confidence.
- 5.3 The Ministry of Health reserves the right to contact the references for tender assessment purposes.

LISTS OF COMPANY AND OWNERSHIP

Table 6 - Ownership Table

NO.	COMPANY NAME	OWNERSHIP	I.C NO & ADDRESS

SCHEDULE F

STATEMENT OF COMPLIANCE

- 6.1 Tenderers shall indicate their compliance by providing a compliance table in Table 7 with clause by clause including sub-clause by sub-clause statement of compliance corresponding to all the sections of Section 2 – Specifications.
- 6.2 Proposal without the compliance table will be considered incomplete and will be disqualified.

Table 7 - Compliance Table

Section	Compliance ¹		Remarks ²
	Yes	No	
General Conditions			
Specifications			
Vehicle Accessories			
Warranty			
Maintenance Services			
Breakdown & Recovery Services			

Note:

- ¹ Please put a tick (✓) at “Yes” column if complied, and a tick (✗) at “No” column if not complied.
- ² Where appropriate, Tenderer shall specify how the requirement will be met in the Remarks