

**TECHNICAL SPECIFICATION FOR PROCUREMENT OF AMBULANCE (ADVANCE LIFE SUPPORT)
QUANTITY-01 EACH FOR BAF THROUGH DGDP IN FY 2024-2025**

Ser	Nomenclature/ Description	Specification Specified	To be filled up by the Manufacturer/ Principal
1.	Type of vehicle	Ambulance (Advance Life Support with ICU facility)	
2.	Name of the local agent with full address	To be mentioned	
3.	Name of Principal with full address	To be mentioned	
4.	Name of Manufacturer with full address	To be mentioned	
5.	Brand	Volkswagen	
		IVECO Daily Van	
		Mercedes Benz	
		BINZ GmbH & Co. KG	
6.	Model	Volkswagen Crafter 4x2, 163 PS, 2.01 TDI (120 KW) (Latest Production Model, not before the year of 2025)	
		35S15V (Latest Production Model, not before the year of 2025)	
		Sprinter 316 Panel Van (Latest Production Model, not before the year of 2025)	
		Mercedes Benz Sprinter 311 CDI KA (Latest Production Model, not before the year of 2025)	
7.	Country of Origin	Vehicle: Germany	
		Ambulance: Turkey	
		Italy	
		UK	
8.	Country of Manufacture	Vehicle: Germany	
		Ambulance: Turkey	
		Spain	
		Turkey	
9.	Country of Assembly	Germany	
		Vehicle: Germany	
		Ambulance: Turkey	
		Italy	
10.	Configuration	Turkey	
		Germany	
11.	Drive	4 x 2	
12.	Dimension (mm)	Right Hand Drive (RHD)	
		a. Overall length	To be mentioned
		b. Overall width	To be mentioned
		c. Overall height	To be mentioned
13.	Wheel base	d. Cabin Height	To be mentioned
			To be mentioned ✓

14.	Dimension patient Cabin (mm)		
	a. Overall length	To be mentioned	
	b. Overall width	To be mentioned	
	c. Overall height	To be mentioned	
15.	Tread		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
16.	Min ground clearance	To be mentioned	
17.	Angle of approach (degree)	To be mentioned	
18.	Angle of departure (degree)	To be mentioned	
19.	Maximum Grade ability (%)	To be mentioned	
20.	Fording depth (mm)	To be mentioned	
21.	Cruising range	To be mentioned	
22.	Minimum Turning radius	To be mentioned	
23.	Engine		
	a. Brand	To be mentioned	
	b. Model	To be mentioned (Latest Production Model, not before the year of 2025)	
	c. Type of engine	To be mentioned	
	d. Country of origin	Germany/Italy/UK	
	e. Manufacturing country (Made in)	Germany/Italy/UK	
	f. Country of Assembly	Germany/Italy/UK	
	g. No of cylinder	To be mentioned	
	h. Bore and Stroke	To be mentioned	
	j. Piston Displacement	To be mentioned	
	k. Compression ratio	To be mentioned	
	l. Horse Power (HP)	To be mentioned	
	m. Max Torque	To be mentioned	
n. Emission Norms	To be mentioned		
p. Life Expectancy	Life expectancy of new engine up to 1st overhauling not less than 1,00,000 km (Certificate to be provided by manufacturer)		
q. Engine Test Bench certificate	During Pre-Shipment Inspection (PSI), Engine Test Bench Report (for each model) must be produced and submitted to the team (duly signed and stamped by the manufacturer) which would be prepared by manufacturer during production of engine at factory premises. For other engines (mentioning engine number) of the same model must be certified confirming the Engine Test Bench Report by the manufacturer (duly signed and stamped).		
24.	Seating Capacity		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
25.	Fuel system:		
	a. Fuel injection pump type	To be mentioned	
	b. Fuel Tank Capacity	To be mentioned	
26.	Weight		
	a. Pay load (kg)	To be mentioned	
	b. GVW (kg)	To be mentioned	
	c. Kerb weight (kg)	To be mentioned	
27.	Performance		
	a. Max speed	To be mentioned	
	b. Fuel consumption per liter	To be mentioned	
	c. Power to weight ratio	To be mentioned	
	d. Gradeability (degree)	To be mentioned	

28.	Cooling System			
	a. Type	To be mentioned		
	b. Coolant capacity	To be mentioned		
	c. Anti Freeze cooling agent	To be mentioned		
29.	Lubrication System:			
	a. Type	To be mentioned		
	b. Oil pump type	To be mentioned		
	c. Oil capacity	To be mentioned		
30.	Clutch			
	a. Type	To be mentioned		
	b. Facing diameter (outside/inside)	To be mentioned		
31.	Transmission:			
	a. Model	To be mentioned (Latest Production Model, not before the year of 2025)		
	b. Type	To be mentioned		
	c. Operation	To be mentioned		
	d. Gear Ratio	To be mentioned		
	e. Reverse	To be mentioned		
	f. Oil capacity (Gear oil)	To be mentioned		
32.	Differential	To be mentioned		
33.	Final gear type	To be mentioned		
34.	Front Axle:			
	a. Type	To be mentioned		
	b. Capacity	To be mentioned		
35.	Rear Axle:			
	a. Type	To be mentioned		
	b. Capacity	To be mentioned		
36.	Suspension:			
	a. Front	To be mentioned		
	b. Rear	To be mentioned		
37.	Type of Steering	Power steering		
38.	Service brake			
	a. Type	To be mentioned		
	b. Drum diameter			
	(1) Front	To be mentioned		
	(2) Rear	To be mentioned		
39.	Parking/Emergency brake	To be mentioned		
40.	Any other Brake System	To be mentioned		
41.	Wheels & Tyre:			
	a. Tyre size (front, Rear & spare)	To be mentioned		
	b. Tyre type	To be mentioned		
	c. Tyre brand	Bridgestone/ Yokohama/Uniroyal/ Continental/Michelin/ Folda/Firestrone/ Armstrong/		
	d. Tyre Manufacturer country	UK/USA/Japan/EU Countries		
	e. Tyre Pattern	To be mentioned		
	f. Rim size/type	To be mentioned		
	g. Number of wheel	To be mentioned		
	h. Spare wheel with tyre	If the size of the front and rear wheels is the same then 01 complete set x spare wheel with tyre and tube is to be provided for each vehicle. If not so then 01 set x front and 01 complete set x rear wheel with tyre and tube (total 02) are to be provided along with each vehicle. A provision of keeping spare tyre should be available with the vehicle		
42.	Electric System:			
	a. Voltage	To be mentioned ✓	5	

	b. Battery		
	(1) No of Battery	02	
	(2) Volt & AH	To be mentioned	
	c. Alternator (Volt & Amp)	To be mentioned	
	d. Starter (Volt & Kw)	To be mentioned	
	e. Lights		
	(1) 02 x Signature Dual Barrel Headlamps (Dual barrel LED projector), 02 x Stop/brake Lights, 02 x Reverse Light, sufficient Cabin Lights, all gauges and meters in dashboard fuel gauges, hazard warning lights etc as required for proper functioning of all system of the vehicle	To be provided	
	(2) 02 x LED Projector Fog lamps at front for driving during foggy weather	To be provided	
	(3) LED Sequential turn indicator	To be provided	
	(4). 02 x Beacon Light on Cabin Roof, Search Light for Night Recovery Operation and Siren (standard)	To be provided	
	f. Gauges	All gauges including Horn, hour meter, Frequency meter, Tachometer, Battery indicator, Engine oil pressure, Engine temp, Hydraulic oil gauge, Backup alarm and Bacon are to be provided	
	Following accessories to be provided with the vehicle:	To be provided	
	a. 01 x set spare wheel (complete with fitting attachment)	To be provided	
	b. 02 x Sun visors with fitting brackets	To be provided	
	c. 01 x inside rear view camera with display unit	To be provided	
	d. 02 x outside rear view mirror	To be provided	
	e. 01 x AM/FM Radio set with speaker	To be provided	
	f. 01 x Digital quartz clock at dashboard	To be provided	
	g. Side protecting molding (if available)	To be provided	
	h. Tachometer at dash board	To be provided	
	j. Co-ordination quality fabric seat	To be provided	
	k. 01 set x floor mat front	To be provided	
43.	l. Tinted laminated windshield	To be provided	
	m. Boost ventilator with central fresh & cool air circulation and hot air circulation with rear heater control system and climate control system	To be provided	
	n. 01 x steering wheel cover locally (Manufactured by Japan/USA/Canada/EU/Australia/SA)	To be provided	
	p. Seat belt for driver & 2 nd seats (ELR 3 point)	To be provided	
	q. All door lock must be provided	To be provided	
	r. Driver seat: Front and rear adjustable with full tilting system with back rest	To be provided	
	s. Globe box in dash board and large side pocket in the driver's door for storing publications & veh document	To be provided	

	t. Intermittent windshield wiper 02 x front	To be provided	
	u. Rear intermittent windshield wiper with rear defogger	To be provided	
	v. Inspection lamp complete with 10 meter cable, plug & socket in the veh	To be provided	
	w. Mudguard with mud flap for all wheel	To be provided	
	x. Front and rear door foot step set fitted	To be provided	
	y. 02 x Towing hook/Towing eye at front	To be provided	
	z. Motor siren (5 inch)	To be provided	
	aa. Heavy duty steel bumper at front & rear	To be provided	
	ab. Back Camera with monitor to avoid collision while reversing	To be provided	
	ac. Laser Sensor with provision of audio warning while reversing	To be provided	
	Compartment:		
44.	a. Cabin Conversion: - Complete interior paneling of the sidewalls, both side of the partition wall between patient cabin and driver cabin, roof (of both patient and driver cabin) & back door panels should made from polymethy Methacrylate- Acrylonitrile Butadiene styrene (PMMA ABS) Sheets.	To be provided	
	b. The complete interior should be edgeless and suitable for easy cleaning/ scientific fumigation/treatment of disinfectants.	To be provided	
	c. Partition wall between patient & driver cabin with sliding glass window having lock.	To be provided	
	Flooring:		
45.	a. The flooring should be made up of min 12 mm thick marine grade ply, rigidly bolted the steel base plate of the base vehicle construction	To be provided	
	b. The floor should be properly cured to ensure the right strength and finish	To be provided	
	c. The floor must withstand a distributed load of minimum 150 Kg/m ²	To be provided	
46.	Seats: The seat should have two foldable arm rests. When unfold for sitting the back rest should offer a soothing angle (more than 95 degree) to the base offering optimum comfort and safety to the occupants, who sits in directions not in line with the movement of the vehicle. The back rest (without the head rest include) should be minimum 525 mm in height.	To be provided	
47.	Attendant Seats: There should be two attendant seats for the attendants on the co-driver side in the patient cabin. These seats should be single pivot point base mounted chairs with complete clean floor below the base without any framework for fixation.	To be provided	

48.	Internal Storage Compartment: a. All the internal storage compartments, surfaces and space provisions should be made to accommodate/ fix the various medical life saving medical devices, trauma equipment for transportation and immobilization, medical glassware, medical disposables and consumables, fresh and dirty linens, infusion bottles, drugs, accessories, wastes, documents, records, files etc.	To be provided	
	b. All storage compartments should be aesthetically and ergonomically well designed.	To be provided	
	c. Storage compartments should be divided into various sections according to the different varieties of the medical items to be stored in it.	To be provided	
49.	Wash Basin: a. The internal furniture layout must include a washbasin made up of same material as the top surface of the head end storing console / SS material matching to the color of the furniture.	To be provided	
	b. The capacity of the water tank as well as the waste water tank should be at least 20 L.	To be provided	
50.	AC system: a. The patient compartment must be provide with an engine drive air conditioning system of adequate capacity matching to the total load of the patient compartment when fully occupied and the patient loaded.	To be provided	
	b. The compressor should be engine mounted and engine run.	To be provided	
	c. Both the patient compartment as well as the driver cabin should be air conditioned.	To be provided	
51.	Electrical: a. There must be adequate internal and external light matching to the requirements of an ambulance for the various purposes.	To be provided	
	b. There must be standard AC electrical sockets inside the patient compartment for connecting AC operated electrical gadgets	To be provided	
	c. There must be emergency light bar cum siren and speaker system on the top at the font.	To be provided	
52.	Fire Extinguisher: a. The ambulance should be equipped with two fire extinguishers of 1 kg capacity each.	To be provided	
	b. The fire extinguisher should be secured in a bracket and located in full view and in an accessible place.	To be provided	
	c. One fire extinguisher should be placed in the driver cabin and one inside the patient compartment.	To be provided	

53.	<p>Electro Med Eqpt:</p> <p>a. Transport Ventilator (with sufficient battery backup). (1) Time cycle, volume controlled and pressure limited emergency ventilator for the controlled ventilation of patients. (2) Compact dimension of the ventilator should not exceed 225 x 100 x 225 mm (W x H x D) and the weight not exceeding 3.2 Kg maximum. (3) Ventilation Mode: IPPV / CMV. (4) Ventilation Frequency: 4 to 54 per minute. (5) Minute volume: 3 to 20 LPM. (6) The ventilator must be vibration tested and certified as per MIL STD 810 F standard. (7) The device must be manufactured in an ISO 13485 certified facility.</p>	To be provided	
	<p>b. Automatic external defibrillator</p>	To be provided	
	<p>c. Multi parameter monitor: (1) The integrated unit should be manufactured as 100% modular unit comprising of three physically modules for data acquisition, monitoring unit respectively. (2) Monitoring unit should minimum 8.4 cystal clear TFT display to display up to 6 waveforms and all measured values of the vital parameter. (3) The data module should have the facility to provide 12 lead diagnostic quality ECG as well as monitoring quality ECG, SpO2 and NIBP as the basic functions. (4) The data module should be up-gradable to have CO2 (Mainstream for both incubated and non incubated patients), 2-Channel Temperature and up to 4-channel IBP to ensure intensive care level of monitoring for the clinicians tracking the patient. (5) The device should be supplied with the ambulance mount complying to the same standard as the ventilator as well as manufactured as an OE by the manufacturer. (6) Thee complete unit as well as both the modules must be vibration tested and certified as per EN 1789. RTCA standard.</p>	To be provided	
	<p>d. Intubation equipments: The contents of the kit should include the following: (1) Laryngoscope Handle, Laryngoscope (2) Blade, Guedel airway set, Endotracheal Tube set, Adhesive Tape, Laryngeal Mask airways LMA</p>	To be provided	

<p>e. Oxygen saturation monitor with different probes for adult and child</p>	<p>To be provided</p>	
<p>f. Syringe Drive & Infusion Pump: A syringe driver and infusion pump are small eqpts used to gradually administer small amounts of fluid (with or without medication) to a patient. These eqpts should be att in the body of the ambulance.</p>	<p>To be provided</p>	
<p>g. End Tidal CO2 Monitor</p>		
<p>h. Portable suction unit with battery back-up: (1). The portable suction unit should be of highly rugged and modern design as well as it should be very compact and handy. (2). Capacity: Minimum 30 LPM (3). The unit should supplied with auto-cleavable polycarbonate collection jar with overflow safety valve. (4). The device must be supplied with medical device directives (93/42/EEC) having the CE mark along with four digit code from the certifying agency. The device must be supplied with EN1789 compliant ambulance wall mount. The device must be manufactured in an ISO 12485 certified facility</p>	<p>To be provided</p>	
<p>j. Oxygen Supply System: (1). Cylinder Fixture (2). Oxygen status display (3) Oxygen Distributor Block (4). The facility to be provided for two nos of 6.8M3 gas (capacity 44 L water capacity). High pressure oxygen cylinders manufactured as per BIS/CIS/JIS certified to be approved by the explosive department of Bangladesh Government. Test pressure 250 bar and filling pressure 150 bar (5). The scope of supply should include the oxygen cylinders filled with gas</p>	<p>To be provided</p>	
<p>k. Oxygen Flow-meter: (1). The oxygen flow-meter should be fully compatible to the oxygen terminal outlets. These must be direct mounted and operated by oxygen supply inside the ambulance. (2). The flow tube should be calibrated in the range of 0 to 15 liters per minute.</p>	<p>To be provided</p>	
<p>l. Roll-in Patient Stretcher cum Trolley: (1). The stretcher main framework should be fully devoid of any welding. (2). The stretcher must have two distinct fully folded and fully unfold position.</p>	<p>To be provided</p>	

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	<p>(3). The stretcher must be supplied with its own fixture to rigidly fix the stretcher to the floor of the ambulance.</p> <p>(4). The loading and unloading of the stretcher must be completely seamless and the loading wheels should not roll on the floor of the ambulance directly with the possibility to damage the floor.</p> <p>(5). The stretcher should be made from high grade aluminum.</p>		
	<p>m. <u>Scope Stretcher:</u></p> <p>(1). The stretcher should be designed allowing coupling and uncoupling of any of the ends and gently scoop up the patient using the two scoops of the stretcher.</p> <p>(2). The stretcher should be telescopic to accommodate the tallest patient and should be folded for compact storage.</p> <p>(3). The frame should be made of high-quality anodized aluminum and blades should be made of extruded aluminum.</p> <p>(4). The scooping blades should be fixed with aluminum frame by interposition of alloy fusion.</p>	To be provided	
	<p>n. <u>Splint various size with splint multipurpose:</u> To be provided (Pneumatic splints, Wooden splints, Spine board, Cervical collars, Lower extremity traction devices. Upper and lower extremity immobilization devices).</p>	To be provided	
54.	<p><u>Spine Board:</u> The immobilization must have integrated universal belts for fixation thereby allowing transportation of patients in critical conditions during long and uncomfortable journeys as well</p>	To be provided	
	<p><u>Universal Head Immobilizer:</u></p> <p>a.. The universal head immobilizer must ensure optimum head immobilization to trauma patients.</p>	To be provided	
55.	<p>b. The device must comply with medical Directives (93/42EEC) having the CE mark along with the four-digit code for the certifying agency. The device must be manufactured in an ISO 13485 certified facility. Cervical collar (hard) with option to adjust height splitting with Velcro, various sizes for upper limb and lower limb</p>		
	<p><u>Refrigerated Medical Cabinet:</u></p> <p>a. The ambulance should be equipped with one mobile deep freezer running on 12V DC supply.</p>	To be provided	
56.	<p>b.. The capacity of the unit should be minimum 12L.</p>	To be provided	
	<p>c. The freezer unit should be able to maintain internal temperature from +60°C to - 5°C.</p>	To be provided	
	<p>d. The device should be supplied with a suitable mounting.</p>	To be provided	

57.	<p><u>Ambulance Rescue Equipment:</u></p> <p>(1). Hammer, one four pound with 15 inch handle. (2). One axe. (3). Wrecking Bar (4). Crowbar with pinch point</p>	To be provided	
58.	<p><u>Other accessories:</u></p> <p>a. Radio lucent backboards (long, short). b. Two-way radio communication. c. AMBU Resuscitation Bags. d. Airways Nasopharyngeal, Or pharyngeal (adult, child and infant sizes). e. Blood pressure manometer, cuff and stethoscope (Pediatric and adult type). f. First aid box g. Emergency Kit Bag.</p>	To be provided	
59.	<p><u>Following Tools to be provided with each vehicle Rescue Tools</u></p> <p>a. 12 inch wrench, Adjustable, opened-end b. 12 inch screw driver standard square bar c. 8 inch screw driver Phillips d. Hacksaw with 12 inch carbide wire blade e. Vice grip pliers 10 inch f. 5 lb hammer with 15 inch handle g. Fire axle butt, 24 inch handle h. Wrecking Bar with 24 handle j. 51 inch Crowbar Pinch Point k. Bolt Cutter with 1 inch tip 1-1/4 inch jaw opening l. Folding shovel pointed blade m. Tin snips, double action 8 inch minimum n. Gauntlets, Reinforced leather covering past mid for arm: One pair p. Rescue Blanket q. Ropes 5400 lbs tensile strength in protective bage r. Mastic Knife (able to cut seat belt webbings) s. Spring load center punch t. Pruning saw u. Heavy duty 2 inch x 4 inch and 4 inch x 4 inch shoring cribbing blocks various lengths v. 01 x Hydraulic jack 3-ton capacity</p>	To be provided	
60.	<p><u>Colour:</u></p>	Vehicles are to be painted in Sophia white (W09) colour with red crescent mark at front, side & rear from manufacturer factory (chips for interior seat material colour and exterior body colour sample plate are to be submitted for BAF selection before painting)	
61.	<p><u>POL Information:</u> The following information must be submitted with the offer:</p> <p>a. Detail maintenance schedule of vehicle & engine b. Grade of diesel used in vehicle c. Grade of diesel used in Bangladesh d. Grade of engine oil used in vehicle e. Grade of engine oil used in Bangladesh f. Grade of gear oil used in vehicle g. Grade of gear oil used in Bangladesh</p>	To be provided	

62.	Production Date: To be manufactured not before the year of contract. Production date must be mentioned on the vehicle identification (ID) plate by the manufacturer / assembler or certificate of production from the manufacturer must be submitted.	To be provided	
63.	Design, drawing with dimensions of vehicle and details specs of vehicle in manufacturers brochures.	To be provided	
64.	Special Service Tools (SST)	List to be provided	
65.	Special Service Materials (SSM)	List to be provided	
66.	List of fast & slow moving spares	List to be provided	
67.	Publications: The following manual and parts catalogue are to be provided during delivery of the vehicle:		
	a. Drivers/Owner's manual in English complete book type qty-01.	To be provided	
	b. Updated workshop/repair manual in English complete book type qty-01.	To be provided	
	c. Complete & updated master spare parts catalogue in English book type qty-01.	To be provided	
	d. Latest & complete & updated master spare parts price list in English complete book type qty-01.	To be provided	
68.	All Electro Medical Equipment should maintain CE US-FDA / Equivalent standard.	Certificate to be provided in this regard.	
69.	Ambulance should maintain EN-1789/Equivalent standard.	Certificate to be provided in this regard.	

**TECHNICAL TERMS AND CONDITIONS FOR PROCUREMENT OF AMBULANCE (ADVANCED LIFE SUPPORT)
QUANTITY-01 EACH FOR BAF THROUGH DGDP IN FY 2024-2025**

The bidder is to mention "Comply/Not Comply/Appropriate Remarks against each terms & condition mentioned below. Otherwise the quotation will not be accepted.		
Ser No	Description	To be Filled up by the Bidder
1.	Item must be brand new, unused and latest product (not earlier than the year of 2025) with necessary accessories and standard fittings. Original Equipment Manufacturer's (OEM) certificate (mentioning the year of production) must be enclosed with the quotation and proforma invoice. ✓	
2.	Authorization certificate (Original) in favour of the Principal by the OEM is to be submitted along with the offer. ✓	
3.	Authorization certificate (Original) in favour of the local agent by the principal is to be submitted along with the offer. ✓	
4.	Technical specification and all terms and conditions with tender form must be filled up by the local agent, principal & manufacturer (As per guide line/instruction against each annex) and must be submitted with the offer. ✓	
5.	Offered technical specifications must conform to the specifications mentioned in the submitted brochure/catalogue. Fax/photocopy/hand-written offer/catalogue/brochure and catalogue without marking/signing will not be considered. ✓	
6.	Hand written offer and any written clarification will be rejected. It must be typed and printed in the original pad of the manufacturer, principal and local agent duly signed by the authority. ✓	
7.	Original offer (duly signed at every page) along with original brochure in English (02 x original copies for DGDP and 01 x original copy for Directorate of Engineering and 01 x copy for Directorate of Supply) of vehicle having all the relevant information including colour photographs of the vehicle and equipment along with details of technical information with proper marking and sign, name, designation, telephone number, fax number, email and mail address must be submitted. ✓	
8.	Manufacture's Original parts Catalogue/Spare parts Catalogue/Brochure/Manuals and other publications associated with the equipment are to be provided by the supplier and these publications to be produced during the Pre Shipment Inspection. ✓	
9.	The bidder is to mention in the offer whether the manufacturer is ISO certified or not. A certificate in this regard is to be submitted along with the offer. ✓	
10.	All types of marks/indications/instruction must be engraved on the body of the vehicle.	
11.	Transit accounting card (TAC)/identification card comprising part number and nomenclature of stores along with supply of spare parts must be provided in English language. ✓	
12.	Supplier is to give undertaking that they would provide updated/superseded/changed catalogue of spare parts for the main vehicle on routine basis till the equipment is in use in Bangladesh. Supplier must intimate well in advance, if further production of the item is discontinued. ✓	
13.	The bidder is to quote separately for each item of standard Special Service Tools (SST) and Special Service Materials (SSM) required for the vehicle. BAF has the option to accept/ reject part or entire list of the SST and SSM. The bidder is to offer multiple options for interior decoration, position of seats and other optional accessories of the vehicle. BAF will have the option to choose and select the final configuration. Bidder is also to quote item-wise price of such options. ✓	
14.	The bidder is to quote separate costs for fast and slow-moving consumable spares with unit price separately which will be required for the first two years of maintenance. BAF has the option to accept/ reject part or entire list of the spares. ✓	
15.	The bidders are to submit their Financial Offer (price quotation) in the offer separately mentioning as follows. a. Price of vehicle including freight charge. b. Cost of training (which will be included in the financial part of the contract. BAF has the option to accept/reject the training). c. Price of fast and slow-moving spares, Standard Special Service Tools (SST) and Special Service Materials (SSM) separately. ✓	
16.	All items/parts with the vehicle must be manufactured within the same country. If the country of manufacture of any item is different, then it is to be certified by the manufacturer and is to be mentioned in the offer. ✓	

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17.	The port of shipment must be from the manufacturer's country. ✓	
18.	The vehicle must be supplied in standard Air/Sea worthy packing. ✓	
19.	The vehicle is to be delivered within 270 days after signing the contract. ✓	
20.	The bidder is to deliver the vehicle at 201 MU, BAF within one month after customs clearance at Chattogram by the Embarkation Unit, BAF	
21.	The vehicle is to be brought from Chattogram to Dhaka by the supplier's/ local agent's expense and arrangement. Any damage/pilferage or discrepancies arise during transportation will be fulfilled by the supplier/local agent. ✓	
22.	Inspection of the vehicle in Bangladesh will be carried out combinedly by 212 MU BAF and CQC (U) BAF with the presence of supplier's representative. ✓	
23.	The following documents should be supplied along with the vehicle during inspection at 201/212 MU by CQC(U) BAF: a. Shipping invoice/ documents mentioning the name of the ship and port. b. Manufacturer's certificates stating that the vehicles are manufactured by them. c. Quality Assurance Certificate of the vehicle is to be signed by the manufacturer's quality control inspector and the year of production is to be mentioned in the Quality Assurance Certificate. ✓	
24.	If any item is found unserviceable/ damaged during the inspection at the consignee's premises, it must be replaced with a new one by the supplier's expense within 60 days of reporting/ detection of unserviceability/ damage and forwarding of discrepancy report. ✓	
25.	The Quality Assurance Certificate (QAC) is to be provided by the quality control department of the manufacturer for equipment and spares and to be handed over during delivery of the equipment to BAF. ✓	
26.	Two-member pre-shipment inspection team {01 x Engineering Officer (M) and 01 x Airmen of MTOF (MTF) trade} will visit the factory for inspection of the vehicle for 05 working days (excluding journey) before the vehicle is made ready for shipment. The bidder is to arrange a pre-shipment inspection for the BAF team at the convenience of both parties. BAF will bear all necessary expenditures for the pre-shipment inspection. The supplier is to arrange local transport and all the admin formalities of the team. The supplier is to extend all possible assistance to the team for checking the documentation including physical checking of the vehicle. BAF will have the option to decide whether a pre-shipment inspection will be done or not. The supplier should inform about the date of the pre-shipment inspection at least 08 weeks prior to the exact date of carrying out the pre-shipment inspection. ✓ Following will be inspected by the PSI team: a. The PSI team will carry out visual checking of 100% equipment (Vehicle, Tools and Accessories, Fast and slow moving Spares, SST, SSM and Publications) as per contract specification. b. Performance/ Functional test (by static run of all equipment and road test drive of 20% equipment i.e. test drive, test of transmission system, brake system, operational employment, air condition test, performance of tyre etc) to be carried out by the PSI team according to PSI criteria. Quantity may vary considering the available facility. weather condition and duration of PSI. c. For the component imported from another factories the PSI team will check the shipping document and quality assurance certificate from the quality control department of manufacturer. d. During Pre-shipment Inspection Engine Test Bench Report (for each model) must be produced and submitted to the team (duly signed and stamped by the manufacturer) which was prepared by manufacturer during production of engine at factory premises. Other the same model must be engine (mentioning engine number) of certified confirming the engine Test Bench Report by the manufacturer (duly signed and stamped). e. Any deviations in major components from contract must be spelled out clearly in the PSI report and to be informed BAF (if possible, during PSI) ✓	
27.	If the pre-shipment inspection is not carried out by Bangladesh Air Force, then a Quality Assurance Certificate (QAC) is to be provided by the quality control department of the manufacturer for equipment, and for spares, the same is to be provided by the supplier's principal/ manufacturer. ✓	
28.	Whether pre-shipment inspection done or not done, all items and spare parts must be shipment and supplied along with the equipment's as per contract specifications. If the supplier fails to supply as per contract specifications, then supplied equipment's has to be replaced at the cost of supplier. ✓	

29.	<p>Joint Post -Shipment Inspection. Following to be checked by the Joint Post-Shipment Inspection team during Joint Post-Shipment Inspection: a. Joint Post shipment of equipment will be done by the JPSI team members as per contract and JPSI criteria. b. 100% visual inspection will be carried out as per technical specification of subject Equipment, spare parts, SST, SSM and Publications. c. Brand, Make and Model, year of production and country of origin, manufacture and assembly to be checked and confirmed against main equipment and related major components during Joint post-shipment inspection. d. Performance/ Functional test to be carried out by the JPSI team according to JPSI criteria. e. The major components which are shipped/assembled/manufactured from other countries as per contract, related shipment documents and necessary certificates (original QAC) from manufactures (duly signed and stamped) and must be placed for checking by the JPSI team (if necessary)</p>	
30.	<p>If any supplied item is found not as per contract during Post-shipment inspection, it will not be accepted. The supplier must take back the item at their own cost. ✓</p>	
31.	<p>one set of necessary shipment documents must be submitted to Special Directorate (Directorate of Engineering) for equipment. ✓</p>	
32.	<p>Tempered offer will be directly rejected. ✓</p>	
33.	<p>A warranty/ Guarantee for 12 months/ 20,000 km (whichever comes earlier) of trouble-free operation with provide routine maintenance incl free supply of lubricants and spares (oil filter) during warranty period. The maintenance would be in 02 (two) phases at 5,000 km and 10,000 km during warranty period. 03 x free minor servicing and 01 x free major servicing including replacement of necessary spares free of cost is to be provided by the supplier from the date of acceptance of the vehicle in BAF. If any item is found defective within the warranty period, it must be replaced with new serviceable one by supplier's expenses including both ways freight and insurance charges at the shortest possible time but not later than 60 days from the date of reporting the defect to the supplier. Periods of unserviceability for more than 60 days will be added to the total warranty period. ✓</p>	
34.	<p>A guarantee of spare availability for 10 years is to be provided by the supplier after the warranty period. In this regard, the bidder is to submit a certificate from the manufacturer (OEM). ✓</p>	
35.	<p>Urgent spare parts to be made available by the principal to user within 30 days of placing the demand subject to stock holding. In case stock is not readily available immediate action will be taken on priority to manufacture/procure the same and will be supplied at the earliest (Certificate by principal) ✓</p>	
36.	<p>After sales service should be available with the local agent of the supplier and is to be provided as and when required for indefinite period (Free of charge up to warranty period and thereafter with payment). A guarantee certificate in this regard is to be provided by the local agent along with the offer. ✓</p>	
37.	<p>a. On-site familiarization training on repair, maintenance and troubleshooting is to be conducted by the engineer/ specialist of the manufacturer/ supplier for a group of BAF personnel for 05 working days in Bangladesh. In this regard, BAF would appreciate an offer of familiarization training at free of cost. However, if the bidder cannot afford a free training, then the bidder is to quote the training cost separately which will be included in the financial part of the contract. In case of a foreign specialist, all other expenditures including air tickets, food, accommodation, medical care and transportation (both internal and external) for the engineer/ specialist are to be arranged and borne by the bidder. BAF has the option to accept/ reject the familiarization training. Following topics have to be included in the training syllabus: (i). Tools & Accessories operation. (ii). Operating System. (iii). Fault & Alarming System. (iv). Oil, Lubricant, Coolant Liquid Change System. (v). Electric Connection System. (vi). Probable fault likely Shooting. (vii). Fault Finding & Trouble Shooting. (viii). Use of Analyzer & other Associated issue. (ix). Consultation of owner's functional manual.</p>	

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	<p>b. Provide training with Block Diagrams and Flow Chart of different control system. Block Diagrams and Flow Charts to be supply to trainees.</p> <p>c. Language of instructor should be English/Bangla. All the training handout/books/presentation should be in English/Bangla.</p> <p>d. 70% class will be practical.</p> <p>e. Training will commerce after successful functional test/inspection.</p> <p>f. Routine maintenance schedule to be supply in tabular form.</p> <p>g. Provide all Power Point presentations and training materials.</p> <p>h. Consultation of the owner's manual, repair manual and spare parts catalogue with CD/DVD to be taught to the trainees.</p> <p>j. On completion of the training, a certificate to be provided by the instructor/supplier to the trainees mentioning their performance and level of expertise attained.</p>	
38.	The bidder is to mention comply/not comply/appropriate remarks against each clause/serial-number of the Technical Specification and Terms & Conditions as per the sequence. Mentioning 'Comply' against any tender specification will be considered that the bidder is fully agreed with the requirement of that particular clause	
39.	BAF may disqualify a bidder/supplier without any notice who has previous record of poor performance such as abandoning the job, not properly completing the contract, significant delay to supply the contracted items, litigation history of financial failures and non-submission of required certificates/ documents with the offer.	
40.	In case of failure to supply the contracted goods within stipulated time, BAF may cancel the contract	
41.	No price increment at any stage after submission of offer will be accepted by BAF.	
42.	Offer must remain valid till 30 June 2025 of the tender. Within the validity of the offer, withdrawal of offer or showing unwillingness to deliver the items by the bidder will not be accepted and in such cases subsequent action would be taken against the bidder as per DGDP rules.	
43.	Any other terms and conditions not covered here will be dealt with as per DGDP rules and regulations.	
44.	Air HQ has the right to increase/ decrease the quantity of the vehicle in the indent and also has the right to cancel the indent.	

MISC TERMS AND CONDITIONS FOR PROCUREMENT OF AMBULANCE (ADVANCED LIFE SUPPORT) QUANTITY-01 EACH FOR BAF THROUGH DGDP IN FY 2024-2025

Ser no	Miscellaneous Terms and Conditions	Filled by the bidder
01.	The bidder must mention their full address including telephone number, Fax number and e-mail address. They also to mention the name and full address of their local agent (if any) in the offer.	
02.	Item with changed/dissimilar part no/description (if any) is to be mentioned during submission of offer.	
03.	If any changes required in contract/LC due to the fault of supplier, all expenses shall be borne by the supplier.	
04.	Normally transshipment is not allowed. If the bidder needs transshipment, they are to mention clearly about their requirement. In case of such requirement, the transshipment may be allowed under single AWB/BL.	
05.	The bidder is to mention country of origin, country of manufacture, port shipment and country of shipment in the offer.	
06.	No increase of the price at any stage after submission of offer will be accepted by BAF. The offered unit price and the total price against each item must be correct. If the unit price of an item is found incorrect, that unit price or total price will be benefited to BAF.	
07.	The bidder is to quote FCA/FOB cost and freight charges (by both Air & Sea) separately & clearly in financial offer. Any price/ cost quoted in the pages of quotation other than financial offer will not be considered.	
08.	For failure to supply the contracted items in time, DGDP may cancel the contract with nec punitive action.	
09.	Offer must remain valid up to 30 th Jun 2025. Within the validity of the offer, withdrawal of offer or un-willingness to sign the contract by the bidder will not be accepted and in such cases actions would be taken against the principal supplier and local agent as per DGDP rules. Delivery schedule if mention in the tender specifications may be changed by DGDP/BAF due to delay in concluding the contract. In this case, the contract would be signed within offer validity period. DGDP/BAF also reserves the right to get the offer validity extended with the consent of the supplier.	

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10.	The bidder is to mention Contract/Purchase order number on the Air way bill (AWB)/Bill of lading (BL) and commercial invoices and also cross linking between AWB/BL and invoices.	
11.	Part shipment: Not allowed.	
12.	Part payment: Not allowed except mentioned in the payment terms.	
13.	<p>Payment Terms. 100% Payment in foreign currency will be made through an irrevocable Letter of Credit (LC) opened with scheduled bank in Bangladesh and negotiating bank recommended by the supplier under following terms and conditions:</p> <p style="margin-left: 40px;">a. 80% of CFR/CPT value will be released on production of shipping documents to the bank.</p> <p style="margin-left: 40px;">b. Rest 20% CFR/CPT value will be released on satisfactory acceptance of 100% items by BAF after inspection/functional test (as applicable), on production of Certificate Receipt Voucher (CRV) and written clearance from DGDP.</p> <p style="margin-left: 40px;">c. 100% cost of training will be paid on completion of training and on production of training completion certificate signed by the competent authority of BAF.</p>	
14.	AWB/BL must be in the name of consignee.	
15.	Bidders are requested to submit soft copy of Financial Offer in a CD according to the given proforma along with the hard copy of Financial Offer in closed envelop.	
16.	Compliance of tender terms & conditions should be mentioned in the offer by the bidder as per sequence above. Bidder is to provide appropriate information against each clause clearly (Where necessary) instead of 'complied'/'not complied'. No Contradictory/hypothetical sentence/word/(like, quote is subject to availability/prior to sell/subject to export license approved or words so) will be accepted by BAF.	
17.	Any other terms and conditions not covered here will be as per DGDP rules and regulations.	

ANNEX E ✓ TO
 TENDER NO 06.06.0000.279.07.188.24
 DATED 11 DECEMBER 2024

FORMAT FOR SUBMISSION OF FINANCIAL OFFER (DP-6)

Subject	Qty	Price	Remarks
Procurement of Ambulance (ALS)	01 Ea		
Sea/Air Freight			
CFR/CPT Value			
Cost of Complete set of Standard Service Tools (SST) and Special Service Materials (SSM) as per clause 13 of Annex D (Technical Terms & Conditions)			Details may be shown in appendix
Cost of fast and slow-moving Consumable spares as per clause 14 of Annex D (Technical Terms & Conditions)			
Cost of Local Training as per clause number 37 of Annex D (Technical Terms & Conditions)			Details may be shown in appendix
Total Value			

Local Agent's Commission:

Validity : _____
 Delivery : _____
 Country of Origin :- _____
 Warranty : _____
 PG Amount : _____

Remarks.

1. Each column must be filled in by the Principal and submitted with application.
2. All above information's must be in principal's invoice quotations.
3. Write in column NOT APPLICABLE (NA) if not asked in tender conditions and NOT QUOTED (NQ) if not quoted by principal.

**Signature of the Tenderer
 With Full Name, Address and Seal of the Company**

