FOR OFFICIAL USE ONLY

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06.06.0000.214.eval.23/Pickup Amb

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August 2023

EVALUATION/ STANDARDIZATION OF PICKUP AMBULANCE

Reference:

- A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.20.079.02.17.08.23 Dated 17 August 2023.
- 1. Please be informed that, Bangladesh Army is planning to procure Pickup Ambulance for Bangladesh Army. In this regard, you are requested to provide offer, Brochure, Catalogue, technical/training/ operational/ maintenance manuals and budgetary offers along with 100% updated original spare parts catalogue (Hard & Soft copy) etcetera for evaluation/standardization of models Pickup Ambulance. Offered models should be compatible with general technical specification attached herewith and submits directly to Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate, Dhaka Cantonment by 10 September 2023 with intimation to this office. You are also requested to provide enlistment certificate of DGDP along with technical offer.
- Forwarded for your information and necessary action please.

MD SHAHARIARE KHAN Lieutenant Colonel For Director General

Annexure:

A.	Technical Specification of Pickup Ambulance - 11 (Eleven) Pages only.
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Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

Army Headquarters, General Staff Branch, Weapon Equipment and Statistic Directorate

Army Headquarters, Master General of the Ordnance Branch, Ordnance Directorate

Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate Internal:

IT Section - (For sending to enlisted Supplier/Firm with DGDP through e-mail). Also publish in web site.

Notice Board

GENERAL TECHNICAL SPECIFICATIONS: PICKUP AMBULANCE

Serial	Description of Technical Specifications	Required Technical Specifications	Remark
1.	Name of the Local Agent & Address	To be mentioned	
2.	Name of the Manufacturer & Address	To be mentioned	
3.	Name of the Principal & Address	To be mentioned	
4.	Nomenclature	Pickup Ambulance	
5.	Make & Model	To be mentioned	
6.	a. Country of Origin	Group-A	
0.	b. Manufacturing Country	Group-A	
	c. Country of Assembly	Group-A	
7.	Drive	RHD	
8.	Configuration	4x4	
 9.	Roof	Hard top	
9.	Dimensions:		
10.	a. Overall Length	To be mentioned	
	b. Overall Width	To be mentioned	
	c. Overall Height	To be mentioned	
	d. Roof Height from Seat	To be mentioned	
44	Wheel Base	To be mentioned	
11.	Ground Clearance	Should not be less than 210 mm	
12.		Oriodia not po todo was	
13.	Wheel Track	To be mentioned	
	a. Front	To be mentioned	
	b. Rear	60% (Minimum)	-
14.	Gradient	To be mentioned	
15.	Angle of Approach	To be mentioned	
16.	Angle of Departure	500 mm (Minimum)	
17	Fording Depth	500 mm (Minimum)	
18.	Weights	To be mentioned	
	a. Kerb Weight		
	b. Payload	1000 Kg (Minimum)	
	c. Gross Vehicle Weight (GVW)	To be mentioned	
	d. Power/Weight Ratio (HP/Ton)	To be mentioned	
	e. Towed Load	500 Kg (Minimum)	
19.	Seating Capacity.	and the state of t	
	a. Cabin	2 Seats with seat belt including driver	
		seat to be provided	
	b. Patient Compartment	To be provided	
	(1) 1x Attendants seat at head end of		
	stretcher.		
	(2) Folding seats for seating 4 persons in		
	rear which can be converted into flat		
	area for carrying second causality on		
	scoop stretcher or spinal board.	C OF Mater (Maximum)	
20.	Turning Radius (Maximum)	8.25 Meter (Maximum)	
21.	<u>Engine</u>	To be a manufactured	_
	Туре	To be mentioned	
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	-
	d. Country of Assembly	Group-A	-
	e. No of Cylinder	4 Cylinder (Minimum)	THRICK
	f. Bore and Stroke	To be mentioned	· · · · · · · · · · · · · · · · · · ·
1	g. Piston Displacement	To be mentioned	

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Serial	Description of Technical Specifications	Positived Technical Charlifferd	D
Jeriai	h. HP	Required Technical Specifications 120 HP (Minimum) (RPM to be mentioned)	Remark
Ì	j. Torque	250 N-m (Minimum) RPM to be	
	1	mentioned	
Ī	k. Engine Test Bench Report	1. Engine Test Bench Report for all	
İ	•	engines prepared by manufacturer	
	e de la companya del companya de la companya del companya de la co	during production of engine at	
	e s e	manufacturing factory must be	
		submitted to the SI/PSI team for each	
		model.	
	6	2. If Engine Test Bench Report of all	
		engines can not be submitted, in that	
	•	case, for other engines of the same	
		model must be certified and	
		confirmed with the engine Test Bench	
ŀ		Report (mentioning engine number)	
		by the manufacturer duly signed and	
-	I. Emission Standard	stamped. Euro-3/ Equivalent	
}	m. Engine Oil Sump Capacity	To be mentioned	
ŀ	n. Cooling System	Liquid cooled	
22.	Fuel System.	Details to be mentioned (If EFI)	··
	a. Type of Fuel	Diesel	
	b. Fuel Tank Capacity.	Minimum 60 Liters	
	c. Fuel Injection Pump	To be mentioned	
-	d. Fuel Consumption per 100 Km	To be mentioned	
	e. Cruising range	500 km (min) with provision for extra	
	· ·	Jerrican outside main cargo space (If	
-	f Fuel filter Type	required) To be mentioned	
-	g. Maximum Speed.	To be mentioned	<u> </u>
	(1) High way	100 Km/Hour (Minimum)	
	(2) Cross Country	To be mentioned	
23.	Transmission.		
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
<u> </u>	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
	f. Gear Ratio Clutch	To be mentioned	
	a. Type	To be mentioned	
	b. Model	To be mentioned	-
	Transfer Case.	i o po ilicumorida	
	a. Make & Model	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
	e. High Gear Ratio	To be mentioned	
 _	f. Low Gear Ratio	To be mentioned	
	Chassis Frame.		
·	a. Type	To be mentioned	
	b. Country of Manufacturer	Group-A	<u>.</u> 1
	c. Country of Manufacturer d. Country of Assembly	1 2 1	511
	d. Country of Assembly A-2		* (

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
27.	Type of Steering	Power Steering	
28.	Front Axle.		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
29.	Rear Axle.		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
		Group-A	
	e. Country of Assembly	Gloup-A	
30.	Suspension Details	T-1	<u> </u>
	a. Front	To be mentioned	
	b. Rear	To be mentioned	-
31.	Brake System		
	a. Service Brake	To be mentioned	
	b. Parking Brake	To be mentioned	
	c. Emergency Brake	To be mentioned	
32.	Tyres		
	a. Tyre size	To be mentioned	
	b. Tyre Brand	Bridgestone/Dunlop/Goodyear/	1
		Yokohama /Toyo/	
		Uniroyal/Continental/Michelin/Folda/	
		Firestone/Armstrong/ AMTEL/Pirelli/	
		Hankook and Kumho	
	c. Country of Origin	USA, Japan, EU Countries, Russia,	
	c. Country of Origin	Brazil, Indonesia, Malaysia,	
		Philippines Singapore, Thailand and	
		South Korea	
	d Turo Dottorn	Non-directional (ND) Ground Grip	
	d. Tyre Pattern	(GG) and Cross country (CC).	
	D' . C'		
	e. Rim Size	To be mentioned	<u> </u>
	f. Production Year	Not before the year of contract	ļ
33.	Electric System		
	a. Volt	24 Volt or 12 Volt with converter to	
		convert to 24 volt for communication	
		purpose	<u> </u>
	b. Battery	1 or 2 x 12 Volt; AH to be mentioned	
	c. Alternator	12/24 Volt Ampere to be mentioned	
	d. Starter	12/24 Volt KW to be mentioned	
34.	Noise Suppresser	To be provided	
35.	Doors.		
-	a. Driver's Cabin Door	To be mentioned	
	b. Rear Door	Rear double doors with 270 degree	
	J	opening	
36.	Dimension Cargo Bed Interior		
JU.		To be mentioned	1
	a. Length (Interior)		1
	b. Width (Interior)	To be mentioned	
	c. Height (Interior)	To be mentioned	سعد وشرو
	Breeze (1-111-0) to 1 to 100	To be provided Dataile to be	1 TO 18 1 TO
37.	Differential lock/limited slip differential	To be provided. Details to be	
	j .	mentioned	.1

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38. Clutch. a. Type 39. Patient Compartment. a. Cabin. (1) Covering 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 polymaths Methacrylate-Acrylonitrile Butadiene Styrene (PMMA ABS) Sheets. (2) The complete interior should be edgeless and suitable for easy cleaning/ scientific furnigation/treatment of disinfectants. (3) Partition wall between patient & driver cabin must have sliding glass window with lock. b. Flooring. (1) The flooring should be made up of minimum 12mm thick marine grade ply, rigidly bolted to the steel base plate of the base vehicle construction (2) The floor should be properly cured to ensure the right strength and finish. (3) The floor must withstand a distributed load of minimum 150kg/m³ c. Folding Seats for Patient. (1) A folding seat in the patient cabin, which can also be used as a patient bed. (2) Belt for patient safety to be attached with it. d. Attendant Seats. There should be attendant seats for the attendants on the co-driver side in the patient cabin. e. Internal Storage Compartment. (1) All the internal storage compartments, surfaces and space provisions should be made to accommodate / fix the various medical devices, trauma equipment for transportation and immobilization, medical. glassware, medical disposables and consumables, fresh	Serial	Description of Technical Specifications	Required Technical Specifications	Remark
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e. Internal Storage Compartment. (1) All the internal storage compartments, surfaces and space provisions should be made to accommodate / fix the various medical devices, trauma equipment for transportation and immobilization, medical glassware, medical disposables and consumables, fresh		attached with it. d. Attendant Seats. There should be attendant seats for the attendants on the	Details to be mentioned	
and dirty linens, infusion bottles, drugs,		e. Internal Storage Compartment. (1) All the internal storage compartments, surfaces and space provisions should be made to accommodate / fix the various medical devices, trauma equipment for transportation and immobilization, medical glassware, medical disposables and consumables, fresh		N. C. T.
accessories, wastes, documents, records, files etc		40000001100,		

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
Scrial	(2) All storage compartments should	Required recimical opecinications	- Comain
~	be aesthetically and ergonomically well designed.	•	
	(3) Storage compartments should be divided into various sections according to the varieties of the medical items to be stored in it.		
	f. Electrical.	Details to be mentioned	
	(1) There must be adequate internal and external light matching to the requirements of an ambulance for various purposes.		
	(2) There must be standard 220 volt AC with minimum 1000W inverter electrical supply sockets inside the patient compartment for connecting AC operated electrical equipments and 12/24 volt DC sockets for DC operated electrical equipments.		
	(3) There must be emergency light bar cum siren and speaker system on the top at the front.		
	(4) All medical equipments operated by portable battery must have full charging facility from the vehicle g. Windows		
:	(1) One sliding window on each side to be provided	Details to be mentioned	
	(2) One communication window at front to be provided with opening capacity from both drivers and rear cabin	Details to be mentioned	
	(3) The frame as sliding window must be made of 45 mm aluminum sections.	Details to be mentioned	
	(4) All rubber items and tinted glass(minimum thickness of 50mm) should be of Manufacturer origin and have to be suitable for conditioned cabin	Details to be mentioned	
	h. Rear Door		
	(1) Two wing type door with tinted windows on both door with 270° minimum opening to be provided	Details to be mentioned	
	(2) The doors can be opened from inside and outside cabin. The lock should be automatic locking type from EU/USA/Japan origin	Details to be mentioned	
	j. Air Ventilation. Adequate air flow mechanism to be incorporated in order to maintain proper ventilation and temperature control	Details to be mentioned	N DUKBO
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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
40.	Air Conditioning System	required recinical opecifications	veiligik
70.	Both the patient compartment as well	Details to be mentioned	
	as the driver cabin should be air	Details to be mentioned	
	conditioned		
ļ	b. The compressor should be engine	Details to be mentioned	
ļ	mounted and engine driven.	:	
}	c. Air Conditioning System must be	Details to be mentioned	
	capable to take load of total patient and	Details to be mentioned	
	have option for temperature control		
	d. Make & Model	To be mentioned	<u> </u>
		Group-A "	
44	e. Country of Origin & Manufacturer	Group-A	
41.	Accessories	T-landadad	
	a. 01 set x spare wheel complete set	To be provided	
	with fitting attachment (Should be fitted		
	preferable under rear load body)		
	b. 02 x Head lights (Sealed beam type),	To be provided	
	04 x Turn signal light (front & Rear), 02 x		
	Stop/Brake lights, 02 x Reverse light, 01 x		
	Cabin light, All gauges and meters in		
	dashboard Fuel gauges, Hazard warning		}
	lights etc as required for proper	•	
	functioning of all system of the vehicle.		
	c. 02 x Fog lamp at front for drive	To be provided	
	d. 01x Blackout driving light at front RH,	To be provided (Sample to be	
	02x Blackout side light NATO standard at	approved from IV&EE before supply)	
	front LH & RH, 02x Blackout combination		-
	light NATO std (Side & stop) at rear LH &		
	RH and 01x Blackout convoy light at rear	,	
	e. Fire Extinguisher 1 Kg capacity for A,	To be provided	
	B C & E type with bracket and chemical	, i de processor	
	filled to be fitted at the side of driver seat		
	f. Both Driver and 2 nd seater seats will be	To be provided	
	adjustable with height and tilting system	, o be provided	
	g. Head rest for front seater	To be provided	
	h. Mudguard with mud flap for all wheel	To be provided	
	Electrical connection for trailer 12 pin	To be provided	
	 j. Electrical connection for trailer 12 pin NATO standard 	To be provided	İ
		To be provided	
	k. Antenna fixing base for wireless		
	i. Fixing socket for wireless set power	To be provided	
	supply (24 Volt)	To be anadided	<u> </u>
	m. Base frame for fixing wireless set	To be provided	
	(Free size)		
	n. Guard for all light	To be provided	
	p. Pintle hook rotating type NATO	To be provided	
	standard at rear (03 Ton capacity		
	Minimum)		
	q. Attaching point for load restraint	To be provided	
	r. Rifle clip inside the cabin for fixing 02x rifle	To be provided	
	s. Inspection lamp complete with Cable	To be provided	
	(10 meter), Plug & arrangement of socket		
	in the vehicle for use of inspection lamp		
	as manufacturer standard.		ļ. ,
	t. 01 set x Floor mat front & rear complete	To be provided	
		LIC DO PIOTIGOS	
	u. 02 x Sun visors with fitting brackets	To be provided	15.

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Serial		Required Technical Specifications	Remark
	v. 01 x Inside rear view mirror	To be provided	
	w. 02 x Outside rear view mirror with stands/brackets	To be provided	
	x. Radio set complete	To be provided	
	y. Clock at Dash board	To be provided	
	z. Full size both side normal door with	To be provided	
ı	normal winding windows		
	aa. Tachometer with engine RPM meter and Speedo meter (MKS system) in dashboard	To be provided	
	bb. Roof Mount Cabin Lamp Inside Cabin.	To be provided	
	cc. 02 x Towing hook at front	To be provided	
	dd. Beacon Lamp (Blue/Red)	Slim line LED lighht bar on roof of	
	, ,	vehicle with blue/ red emergency	
		lighting to be fitted	
	ee. Motor Siren with PA facility	Details to be mentioned	
ĺ	ff. Air Bag SRS	(1) To be provided	
		(2) Details to be mentioned	
42.	Ambulance Equipment.	, z	
	a. Mechanical Respirator.	(1) To be provided	
	(1) Stationary and portable usage	(2) Details to be mentioned	
	with O₂ cylinder.	'-, Dolano to Do Mondoned	
	(2) Adult, child and infant usage		
	facilities.		
	(3) CMV, SIMV, PSV, CPAP		
I	operational mode.		
ľ	·		
	(4) Pressure and battery alarm.		
	(5) 6-8 hours capacity rechargeable		
-	battery.	(4) 7	
	b. Automatic external defibrillator.	(1) To be provided	
	(1) External, biphasic current controlled	(2) Details to be mentioned	•
	pulse.		
	(2) 5-360 Joules energy selection in		
	manual mode.		
	(3) Adjustable alarm limit.	<u> </u>	
	(4) 6 leads derivation/6 channel ECG.		
	(5) Usage with memory card and ECG		
	paper.	1	
	(6) Ni-Cd battery 6-12 hours monitoring		
	facility.		
	(7) Analysis time 6-12 seconds.		
	(8) Monitory show operational period,		
	ECG curves, heart rate, identified		
	VT/VF and performed defibrillation.	٠,,	
Γ	c. Min Transport Monitor.	(1) To be provided	
	(1) NIB, HR, SPO2, RR, ECG.	(2) Details to be mentioned	
	(2) High and low reading alarm.	/-/ > orang to be inclined.	
	(3) 6-8 hour capacity rechargeable	#	
	battery.		
	(4) ECG Printing capacity.		
<u> </u>	d. Oxygen Resuscitator/ Supply	(1) To be provided	
	System (Automatic valve type). The	(1) To be provided	W-IN WEST
	facility to be provided for one nos of	(2) Details to be mentioned	Ber.
i	6.8M3 gas capacity (44 L water capacity).		1.65
J	h MM3 dae canacity (44 weter =====!!)		

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark '
	High pressure oxygen cylinders		
	manufactured as per BIS/ CIS/ JIS certified to be approved by the explosive		
	department of Bangladesh Government.	y v	1 12
	Test pressure 250 bar and filling pressure		
	150 bar. Oxygen cylinder to be provided		
	(empty).		
	e. Oxygen Flow-meter.	(1) To be provided	
	(1) The oxygen flow-meter should be	(2) Details to be mentioned	
	fully compatible to the oxygen terminal outlets. These must be direct mounted		
	and operated by oxygen supply inside		
	the ambulance.		
			1
	(2) The flow tube should be calibrated		
	in the range of 0 to 15 liters per minute.	(4) 7 1	
	f. "Oxygen resuscitator Box" to be portable detachable and to be fixed	(1) To be provided (2) Details to be mentioned	1
	with right wall of Ambulance car:	(2) Details to be mentioned	
	(1) To be portable detachable and can		
	be fixed with wall of Ambulance car.		
	(2) Portable oxygen resuscitator set to		
	be given in box that can be stored in the storage box of the Ambulance		
	the storage box of the Ambulance		
	(3) Other accessories to make the		:
	oxygen resuscitator functional		
	operating set to be provided		
	g. Airways Nasopharyngeal,	(1) To be provided (2) Details to be mentioned	
	Oropharyngeal (adult, child and infant sizes)	(2) Details to be mentioned	
	h. Blood pressure manometer, cuff and	(1) To be provided	
	stethoscope (Pediatric and adult type).	(2) Details to be mentioned	
ļ	j. Sucker machine to be vehicle battery	(1) To be provided	
	operated	(2) Details to be mentioned	
[k. Pulse Oxymeter (Portable battery	(1) To be provided(2) Details to be mentioned	
	operator) I. Scoop Stretcher. To be provided as	(1) To be provided	-
	per fol:	(2) Details to be mentioned	
	•		
	(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.		
	(2) The stretcher should be telescopic to		
	accommodate the tallest patient and		
	should be folded for compact storage.		
	(3) The frame should be made of high		
	quality anodized aluminum and blades	سپير ا	Marantines Receipt
	should be made up of extruded aluminum.	The state of the s	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	(4) The scooping blades should be fixed	/4/	15/
	A-8	12.1	1
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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	with aluminum frame by interposition of		
	alloy fusions.		
	m. Roll-in Patient Stretcher cum Trolley.	(1) To be provided	
	They should be rail on floor for fitting sub-	(2) Details to be mentioned	
	stretcher.		
	n. Wheel Chair	(1) To be provided	
		(2) Details to be mentioned	
	p. Medicine box	(1) To be provided	
		(2) Details to be mentioned	
	q. Universal Head Immobilizer. The	(1) To be provided	
	universal head immobilizer must ensure	(2) Details to be mentioned	
	optimum head immobilization to trauma patients.		
		(4) To be an ideal	
	r. Splint various size with Splint multipurpose.	(1) To be provided (2) Details to be mentioned	
<u> </u>	s. Pneumatic Splints		
	s. i neumano opiints 	(1) To be provided	
}	t. Spine Board. The immobilizer must	(2) Details to be mentioned	-
	have integrated universal belts for fixation	(1) To be provided(2) Details to be mentioned	
	thereby allowing transportation of patients	(2) Details to be mentioned	
	in critical conditions during long and		
	uncomfortable journeys as well		
ŀ	u. First aid kit bag	To be provided	
<u> </u>	v. Emergency Kit box	To be provided	
43.	Following Ambulance Rescue	To be provided	·····
.0.	Equipment to be Provided.		
	a. Hammer, one four pound with 15	To be provided	
	inch handle.	. o so provided	
	b. One axe.		
1	c. Wrecking bar.		
	d. Crowbar with pinch point		
44.	Following Tools to be Provided with		
	Each Vehicle		
	a. 01x Hydraulic Jack Manufacturer	To be provided	
	standard assembly with handle		
	mentioning capacity		
L	b Ody Missel same a be with be a all a		
	b. 01x Wheel wrench with handle	To be provided	
	c. 01 x Adjustable wrench 200 mm	To be provided To be provided	
	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers		
	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle	To be provided	
	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers	To be provided To be provided	
	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel	To be provided To be provided To be provided	
-	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip	To be provided To be provided To be provided To be provided	
-	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel	To be provided To be provided To be provided To be provided To be provided To be provided	
-	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip	To be provided To be provided To be provided To be provided To be provided To be provided To be provided	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information.	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer:	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided The following information must be	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle b. Type of Engine Oil used in Vehicle	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle b. Type of gear Oil (Equivalent grade)	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided The following information must be	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle b. Type of Engine Oil used in Vehicle	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be mentioned To be mentioned	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle b. Type of gear Oil (Equivalent grade)	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be mentioned To be mentioned	
45.	c. 01 x Adjustable wrench 200 mm d. 01 x Pliers e. 01 x Screw driver (±) with handle f. 02 x Double ended spanner g. 02x Stopper wheel h. Grease gun with replaceable tip j. Tyre pressure gauge k. 01 x Tool bag for above tools Petrol Oil Lubricant (POL) Information. submitted with the offer: a. Grade of fuel used in Vehicle b. Type of Engine Oil used in Vehicle c. Type of gear Oil (Equivalent grade) used in vehicle	To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be provided To be mentioned To be mentioned To be mentioned	

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Serial	Description of Technical Specifications	Dominal Taskela I Carellinia	
47.	Publications	Required Technical Specifications	Remark
77.	a. Driver's/Owner's manual in English for	To be provided as per requirement of	ļ
	Vehicle (Complete Book type)	EME Directorate	
	b. Updated workshop/repair manual (for	To be provided as per requirement of	
	vehicle) in English (Complete Book type.	EME Directorate	
	c. Spare Parts Catalogue in English Book	To be provided as per requirement of	
	type.	EME Directorate	
	d. Spare Parts Price Catalogue in English	To be provided as per requirement of	
	Book type.	EME Directorate	
	e. Other Operator's manuals Catalogue	To be provided as per requirement of	
	(Book Type) for additional equipment like	EME Directorate	
	Radio, Navigational Equipment etc.		
48.	Fast and slow moving spare parts	List to be provided as per	
		requirement of EME Directorate	
49.	Analyzer, measuring & testing/fault finding	To be provided as per requirement	•
F0	and diagnostic set	of EME Directorate	
50.	Special Service Tools (SST)	List to be provided as per	
51.	Special Service Materials (SSM)	requirement of EME Directorate	
51.	Special Selvice Materials (SSM)	List to be provided as per requirement of EME Directorate	
52.	Training Requirements.	requirement of ENE Directorate	
02.	a. User Training	To be provided (As per User/	
	a. Osci Training	Sponsor Directorate)	
	b. Operation, Repair and Maintenance	To be provided (As per requirement	
	Training	of EME Directorate)	
	c. Equipment Management Training	To be provided (As per requirement	
		of Ordnance Directorate)	
53.	Terms and Conditions		
	a. Original offer (with proper signing at	Must be confirmed as per	
	every pages) along with original brochure/	requirement	
	catalogue with proper marking and signed		
	name designation, telephone No. Fax		
	No., E-mail address must be submitted		
	b. Offered technical specifications must	Must be confirmed as per	
	conform to the specifications mentioned in the submitted brochure/ catalogue:	requirement	
	the submitted brochure/ catalogue; otherwise offer will not be accepted.		
	Fax/photocopy offer/ catalogue/ brochure		
	& catalogue without marking/signing will		
	not be considered		
	c. Authorization certificate (Original) in	Must be confirmed as per	
	favour of principal by the original vehicle	requirement	
	manufacturer to be submitted along with	•	
	offer		
	d. Authorization certificate (Original) in	Must be confirmed as per	
	favour of local agent by the principal to be	requirement	
	submitted along with offer	<u> </u>	
	e. The Manufacturer, Principal and Local	·	
	Agent must give a guarantee certificate		
	for the following:	Must be confirmed as nor	t
	(1) Same/similar model of vehicle/ equipment will be available for next 10	Must be confirmed as per requirement	
	years (Confirmation certificate to be	roquirement 	Petron.
	provided by manufacturer)	, CED	7 - 7°
	(2) Spares will be available for at least	Must be confirmed as per	1,3
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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	15 years (Confirmation certificate to be	requirement	
	provided by manufacturer)		
	(3) After sales service should be	Must be confirmed as per	
	available with local agent and will be	requirement	
	provided as and when required for		
	indefinite period (at free of charge up to		
	guarantee period) and then onwards		
ĺ	with payment (Confirmation certificate		
	to be provided by local agent).		
54.	Other Technical Requirement for Military	<u>Vehicle</u>	
	a. The vehicle must be "Fit for Radio"	To be provided	ļ
1	(FFR) communication with FR		}
	suppression/ Shielding in complete		
	electrical system including alternator		
	b. The vehicle must be 24 Volt output	To be provided	
	socket in rear passenger compartment for		
	radio (FFR) sets		
	c. Tyres for all vehicle must be of same	To be provided	
	size and grip pattern for logistics ease		
	d. Suspension must allow for travel with	To be provided	
	full load over broken and undulating		
	ground		
	e. Crew Safety. The frames of the body	To be provided] ;
	must be strong enough to provide Roll		,
	Over protection of the passenger		
55.	Unit price and likely increase due to price	To be mentioned	
	escalation in percentage during next 5		
	years (if available)		
56.	Provision of repair, maintenance and after	Name of workshop and address to be	
	sale service support from local workshop	mentioned	
57.	Time of Free Service	1 Year to be confirmed	ļ
58.	Warranty/Guaranty	1 Year to be confirmed	ESTATION TO
59.	Production Date	Manufactured not before the year, of	
		contract /%/	
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