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26 Bhadra 1431

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**RE-EVALUATION/STANDARDIZATION OF 3 DOOR JEEP (HARD TOP)**

Reference:

A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.06.079.01.05.09.24 Dated 05 September 2024 (Not to all).

1. Please be informed that Bangladesh Army is planning for re-evaluation/standardization of **3 Door Jeep (Hard Top)**. In this regard, you are requested to provide **technical offer original catalogue/brochure, necessary certificate along with 100% updated original spare parts catalogue (Hard/Soft copy) and other information**. Offered models should be compatible with general technical specification attached herewith and to be submitted directly to Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate, Dhaka Cantonment by **06 October 2024** with intimation to this office. You are also requested to provide enlistment certificate of DGDP along with technical offer. Lack of any information will disqualify the offer.

2. Forwarded for your information and necessary action please.



SHEULY AKTER  
Lieutenant Colonel  
For Director General

Annex:

A. Technical Specification of 3 Door Jeep (Hard Top) - 07 (Seven) Pages only.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

Information:

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

Army Headquarters, Quarter Master General Branch, Supply and Transport 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: Publish in web site.

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**GENERAL SPECIFICATIONS: 3 DOOR JEEP (HARD TOP)**

Serial	Description of General specifications	Required General Specifications	Remark
1.	Name of the Local Agent with full Address	To be mentioned	
2.	Name of the Manufacturer with full Address	To be mentioned	
3.	Name of the Principal with full Address	To be mentioned	
4.	Nomenclature	3 Door Jeep (Hard Top)	
5.	Make & Model	To be mentioned	
6.	a. Country of Origin	Group-A	
	b. Country of Manufacturer	Group-A	
	c. Country of Assembly	Group-A	
7.	Drive	RHD	
8.	Configuration	4x4	
9.	Roof	Hard top	
10.	<b>Dimension.</b>		
	a. Overall Length	3700-4500 mm	
	b. Overall Width	1550-1800 mm	
	c. Overall Height	1800-2100 mm	
11.	Wheel Base	2000-2500 mm	
12.	Ground Clearance	225 mm (Minimum)	
13.	<b>Wheel Track (Tread).</b>		
	a. Front	1200-1500 mm	
	b. Rear	1200-1500 mm	
14.	Gradient	65% (Minimum)	
15.	Angle of Approach	30° (Minimum)	
16.	Angle of Departure	30° (Minimum)	
17.	Fording Depth	500 mm (Minimum)	
18.	<b>Weights.</b>		
	a. Kerb Weight	To be mentioned	
	b. Payload	600 kg (Minimum)	
	c. Gross Vehicle Weight (GVW)	2300 kg (Minimum)	
19.	Seating Capacity and Seating Arrangement	06 Persons (Minimum)	
20.	Minimum Turning Radius	6.5 (Maximum)	
21.	<b>Engine.</b>		
	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)	
	f. Bore & Stroke	To be mentioned	
	g. Piston Displacement	To be mentioned	
	h. Compression Ratio	To be mentioned	
	j. HP	95 HP (Minimum) (rpm to be mentioned)	
	k. Maximum Torque	190 Nm (Minimum)	
	l. Engine with Turbo-Charged or without Turbo-Charged	To be mentioned	
	m. Engine Test Bench Report	1. Engine Test Bench Report for all engines prepared by manufacturer during production of engine at manufacturing factory must be submitted to the SI/PSI team for each model.	

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Serial	Description of General specifications	Required General Specifications	Remark
		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 Report (mentioning engine number) by the manufacturer duly signed and stamped.	
	n. Life Expectancy	Life expectancy of new engine up to 1st overhauling not less than 1,00,000 KM certificate must be submitted by manufacturer / supplier	
	p. Towed load off road (Cross Country)	500 Kg (Minimum)	
	q. Power/ Weight ratio	27 (Minimum)	
22.	<b>Fuel System.</b>		
	a. Type of Fuel	Diesel	
	b. Fuel Tank Capacity.	50 Liters	
	c. Fuel Injection Pump	To be mentioned	
	d. Fuel Consumption per 100 Km	To be mentioned	
	e. Cruising range	To be mentioned	
	f. Fuel filter Type	To be mentioned	
	g. <b>Maximum Speed.</b>		
	(1) High way	100 Km/Hour	
	(2) Cross Country	To be mentioned	
23.	h. Air cleaner Type	To be mentioned	
24.	j. Cooling system	To be mentioned	
25.	k. Lubrication	To be mentioned	
26.	<b>Transmission.</b>		
	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. Gear Ratio	To be mentioned	
27.	Type of Steering	Power Steering	
28.	<b>Transfer Case.</b>		
	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	
29.	<b>Chassis.</b>		
	a. Type	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
30.	<b>Front Axle.</b>		
	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	

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Serial	Description of General specifications	Required General Specifications	Remark
31.	<b>Rear Axle.</b>		
	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	
32.	<b>Suspension Details.</b>		
	a. Front Suspension	Leaf/Coil spring/with telescopic shock absorber	
	b. Rear Suspension	Leaf/Coil spring/with telescopic shock absorber	
33.	<b>Brake System.</b>		
	a. Service Brake	Servo assisted	
	b. Parking Brake	Mechanical	
	c. Emergency Brake	To be mentioned	
34.	<b>Tyre.</b>		
	a. Tyre Size Front, Rear & Spare	To be mentioned	
	b. Tyre Brand	Bridgestone/Dunlop/Goodyear/ Yokohama /Toyo/ Uniroyal/ Continental /Michelin/Folda/ Firestone/ Armstrong/ AMTEL/Pirelli/ Hankook and Kumho	
	c. Country of Oigin	USA, Japan, EU Countries, Russia, Brazil, Indonesia, Malaysia, Philippines, Singapore, Thailand and South Korea	
	d. Tyre Pattern	Non-directional (ND) Ground Grip (GG) and Cross country (CC).	
	e. Wheel Size	To be mentioned	
35.	<b>Electric System.</b>		
	a. Volt	24 Volt	
	b. No of Battery (Volt & AH)	To be mentioned	
	c. Alternator (Volt & Amp)	To be mentioned	
	d. Starter (KW)	To be mentioned	
36.	Noise Suppressor	All components producing noise and spark should be adequately cushioned/ shielded	
37.	Laminated Windshield Glass	To be provided	
38.	Front side doors	Full Size normal doors with normal windings windows	
39.	Rear Doors	To be mentioned	
40.	Both side window for rear compartment	02 side window with fitting attachment to be provided	
41.	<b>Dimension Cargo Bed Interior.</b>		
	a. Length (Interior)	To be mentioned	
	b. Width (Interior)	To be mentioned	
	c. Height (Interior)	To be mentioned	
42.	Clutch Type	To be mentioned	
43.	<b>Differential lock.</b> Both at front & Rear Axle	To be provided	
44.	<b>Accessories.</b>		



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Serial	Description of General specifications	Required General Specifications	Remark
	a. 01 set x spare wheel complete set with fitting attachment on the rear door with lock and key	To be provided	
	<b>b. Hooks.</b>		
	(1) <b>Pintle hook.</b> Towing capacity 3 Ton NATO standard military pattern and rotating type (2) Towing hook 02 Nos at front & 02 Nos at rear (3) Lashing hooks at 4 point (Front and rear) for railway transportation and helicopter lifting/ship crane loading	To be provided	
	c. <b>Lights.</b> 02 x Head light, 04 x Turn signal light (Front & Rear), 02 x Stop/Brake lights, 02x Reverse light, 01xCabin light. 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	
	d. 02xFog lamp at front for drive during foggy weather	To be provided	
	e. <b>Blackout light.</b> All Jeeps must have special lights for night driving and convoy driving:		
	(1) 01 x Blackout head light at front RH	To be provided	
	(2) 02xBlackout combination light (NATO std side & stop) at rear LH & RH	To be provided	
	(3) 01 x Convoy light at rear	To be provided	
	(4) 01 x Map reading light	To be provided	
	f. 12 Pin electrical connection for trailer (NATO type)	To be provided	
	g. Fire Extinguisher 1 Kg Capacity for A B C & E type fire with Bracket & Chemical to be fitted at the side of driver seat	To be provided	
	h. Seat belt for driver and front passenger	To be provided	
	j. Provision for external antenna and duct in rear compartment for antenna cable and free size antenna fixing base of wireless set	To be provided	
	k. Power output socket in rear compartment for Radio (wireless) set (Fixing socket for wireless set power supply)	To be provided	
	l. Removable Free size base frame for fixing wireless set for multiple wireless set use	To be provided	
	m. Inspection lamp complete with Cable (10 meter), Plug & arrangement of socket in the vehicle for using inspection lamp	To be provided	
	n. <b>All Light Guards.</b> Must have metal Guard for all lights (May be arranged locally)	To be provided	
	p. <b>Stowage for Weapons/ Equipment.</b> Clips for 02 x Rifles/SMG in driver's cabin	To be provided	
	q. Attaching points for load restraint with straps/chain for securing ammo boxes and conventional load	To be provided	

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Serial	Description of General specifications	Required General Specifications	Remark
	r. Axle breather and gear breather & wiring distributor box to be raised higher than that of the fording depth	To be provided	
	s. Wiring harness parts which will be in contact with water to be wrapped by special adhesive and covered by flexible pipe	To be provided	
	t. 01 set Floor mat (front & rear) complete	To be provided	
	u 02 x Sun visors with fitting brackets	To be provided	
	v. 01 x inside rear view mirror	To be provided	
	w. 02 x Outside rear view mirror with stands /brackets	To be provided	
	x. 01 x Cigarette lighter & Ashtray	To be provided	
	y. Boost ventilator with central fresh, cool & air circulation (Air Condition) with climate control system	To be provided	
	z. Type of seat	To be mentioned	
	aa. Radio set complete	To be provided	
	bb. Head rest for driver and front 2nd seater	To be provided	
	cc. Mudguard with mud flap for all wheels	To be provided	
	dd. Catalytic Converter (if available)	To be provided	
	ee. Any other accessories (If available)	To be provided	
	ff. Rear Door Opening both from in side and outside	To be provided	
	gg. Tachometer/Engine RPM meter and Speedo meter (MKS system) in dashboard	To be provided	
45.	<b>Other Technical Requirement for Military Vehicle.</b>		
	a. GS (General Service) Vehicle must be able to tow Minimum 500 kg Trailer Cross Country	GS (General Service) Vehicle must able to tow minimum 500 kg Trailer Cross Country	
	b. Tyres for all Jeeps must be same size and grip pattern for logistics ease	To be provided	
	c. Crew safety: Single Tubular steel enough to special GVW (Gross Vehicle Weight)	To be provided	
46.	<b>Tools Set.</b>		
	a. 01x (Of latest technology/ Mechanical advantage)	To be provided	
	b. 01 x Wheel wrench with handle	To be provided	
	c. 01x Adjustable wrench	To be provided	
	d. 01 x Combination pliers slip joint	To be provided	
	e. 01x Combination screw driver (+-) with handle	To be provided	
	f. 01 Set x Double ended spanner	To be provided	
	g. 01 x Heavy duty type tyre pressure gauge 160 lbs (Minimum)	To be provided	
	h. 02 x No. wheel stopper	To be provided	
	j. 01 x Tool bag for above tools	To be provided	
47.	<b>Petrol Oil Lubricant (POL) Information.</b> The following information must be submitted with the offer:		
	a. Grade of fuel used in Vehicle	To be mentioned	
	b. Type of Engine Oil used in Vehicle	To be mentioned	
	c. Type of gear Oil (Equivalent grade) used in vehicle	To be mentioned	



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Serial	Description of General specifications	Required General Specifications	Remark
	d. Grade of fuel to be used in Bangladesh	The vehicle must be suitable for used with fuel available in Bangladesh	
48.	Colour	As per indentor requirements	
49.	<b>Training Requirements.</b>		
	a. User Training	To be provided (As per requirement of User/ Sponsor Directorate)	
	b. Operation, Repair and Maintenance Training	To be provided (As per requirement of Electrical and Mechanical Engineers Directorate)	
	c. Inventory Control & Management Aspect Training	To be provided (As per requirement of Ordnance Directorate)	
50.	<b>Publications</b>		
	a. Driver's/Owner's manual in English for Vehicle (Complete Book type)	To be provided as per requirement of EME Directorate	
	b. Updated workshop/repair manual (for vehicle) in English (Complete Book type.	To be provided as per requirement of EME Directorate	
	c. Spare Parts Catalogue in English Book type.	To be provided as per requirement of EME Directorate	
	d. Spare Parts Price Catalogue in English Book type.	To be provided as per requirement of EME Directorate	
	e. Other Operator's manuals Catalogue (Book Type) for additional equipment like Radio, Navigational Equipment etc.	To be provided as per requirement of EME Directorate	
51.	Fast and slow moving spare parts	List to be provided as per requirement of EME Directorate	
52.	Analyzer, measuring & testing/fault finding and diagnostic set	To be provided as per requirement of EME Directorate	
53.	Special Service Tools (SST)	List to be provided as per requirement of EME Directorate	
54.	Special Service Materials (SSM)	List to be provided as per requirement of EME Directorate	
55.	<b>Terms and Conditions.</b>		
	a. Time of Free Service	1 Year	
	b. Warranty/Guaranty	1 Year or 20,000 KM	
	c. Technical offer should be on the original pad of principal/ manufacturer with sign & seal	Must be confirmed as per requirement	
	d. Offered technical specifications must conform to the specifications mentioned in the submitted brochure/catalogue otherwise offer will not be accepted	To be submitted during evaluation stage	
	e. Authorization certificate (Original) in favour of principal by the original vehicle manufacturer to be submitted along with offer	To be submitted during evaluation stage	
	f. Authorization certificate (Original) in favour of local agent by the principal to be submitted along with offer	To be submitted during evaluation stage	
	g. The Manufacturer, Principal and local agent must give a guarantee certificate for the following:	To be submitted during evaluation stage	

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Serial	Description of General specifications	Required General Specifications	Remark
	(1) Same/similar model of vehicle/ equipment will be available for next 10 years (Confirmation certificate to be provided by manufacturer)	To be submitted during evaluation stage	
	(2) Spares will be available for at least 15 years (Confirmation certificate to be provided by Manufacturer)	To be submitted during evaluation stage	
	(3) After sales service should be available with local agent and will be provided as and when required for indefinite period (at free of charge up to guarantee period) and then onwards with payment (Confirmation certificate to be provided by local agent)	To be submitted during evaluation stage	
56.	Production Date	Manufactured not before the year of contract	

