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26 Bhadra 1431

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RE-EVALUATION/STANDARDIZATION OF 5 DOOR HARD TOP JEEP (GS) (GP-B)

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 **5 Door Hard Top Jeep (GS) (GP-B)**. 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 5 Door Hard Top Jeep (GS) (GP-B) - 06 (Six) 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: 5 DOOR HARD TOP JEEP (GS) (GP-B)

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 Principal with full Address	To be mentioned	
4.	Nomenclature	5 Door Hard Top Jeep (GS) (Gp B)	
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	4 x4, Right Hand Drive (RHD)	
8.	Configuration	Must be 4x4 Drive (Full time or Selectable type)	
9.	Roof	Hard Top	
10.	Dimensions.		
	a. Overall Length	4800 mm - 5000 mm	
	b. Overall Width	1700 mm (Minimum)	
	c. Overall Height	1750 mm (Minimum)	
	d. Interior Dimension	To be mentioned	
11.	Wheel Base	To be mentioned	
12.	Ground Clearance	225 mm (Minimum)	
13.	Wheel Track (Tread).		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
14.	Gradient	65% (Minimum)	
15.	Angle of Approach	30° (Minimum)	
16.	Angle of Departure	25° (Minimum)	
17.	Fording Depth	600 mm (Minimum)	
18.	Weights.		
	a. Kerb Weight	To be mentioned	
	b. Payload	500 Kg (Minimum)	
	c. Gross Vehicle Weight (GVW)	To be mentioned	
19.	Seating Capacity and Seating Arrangement	2 Persons front and 4 Persons rear (Minimum). Seating arrangement to be mentioned. Height of seat should be comfortable for seating passengers	
20.	Maximum Turning Radius	6 Meter (Maximum) (From outer wheel)	
21.	Engine.	4 Stroke and run by diesel fuel	
	a. Type	To be mentioned	
	b. Make & Model	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
	f. No of Cylinder	4 cylinder (Minimum)	
	g. Bore & Stroke	To be mentioned	
	h. Piston Displacement	4100-4599 cc	
	j. Compression Ratio	To be mentioned	
	k. HP	110 HP (minimum) at rated rpm (to be mentioned)	
	l. Torque	250 N-m (minimum) at rated rpm (to be mentioned)	

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Serial	Description of General specifications	Required General Specifications	Remark
	m. Turbo Charger (available or not)	To be mentioned	
	n. Injection Type (direct/ indirect)	To be mentioned	
	p. 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. 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.	
	r. Life Expectancy	Life expectancy of new engine up to 1 st overhauling not less than 1, 00,000 KM (certificate must be submitted by manufacturer/supplier)	
22.	Fuel System.		
	a. Fuel Type	To be mentioned	
	b. Fuel Tank Capacity	80 Liter (Minimum)	
	c. Cruising Range	To be mentioned	
	d. Fuel Injection Pump.	To be mentioned	
	e. Fuel Consumption (for 100 km)	To be mentioned	
	f. Fuel Filter Type	To be mentioned	
	g. Maximum Speed.		
	(i) High way	100 Km/ Hour (Minimum)	
	(ii) Cross Country (Vehicle must have cross country mob)	To be mentioned	
23.	Air Cleaner Type	To be mentioned	
24.	Cooling System	Liquid cooled	
25.	Transmission.		
	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	
26.	Transfer Case.		
	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	
27.	Chassis.		
	a. Type	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
28.	Front Axle.		
	a. Type	To be mentioned	
	b. Axle Capacity	To be mentioned	

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Serial	Description of General specifications	Required General Specifications	Remark
	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	
	e. Country of Assembly	Group-A	
30.	Type of Steering	Power steering	
31.	Suspension Details.		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
32.	Brake System.		
	a. Service Brake	Detail specifications to be mentioned	
	b. Parking Brake	Detail specifications to be mentioned	
	c. Emergency Brake (if available)	Detail specifications to be mentioned	
33.	Tyre.		
	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 Origin	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	
	f. Wheel Pattern	Must be aluminum alloy (For all wheel)	
34.	Electric System.		
	a. Battery (Volt & AH)	To be mentioned	
	b. No of Battery	To be mentioned	
	c. Alternator (Volt, Amp)	To be mentioned	
	d. Starter (KW)	To be mentioned	
35.	Noise Suppressor	All components producing noise and spark should be adequately cushioned/ shielded	
36.	Wind Shield.		
	a. Laminated Windshield Glass	To be provided	
37.	Rear Doors	Side hinged (Single/Double) rear doors with fitting attachment of spare wheel on rear door	
38.	Clutch Details	Detail specifications to be mentioned	
39.	Type of Gear Shifting Lever	To be mentioned	
40.	Differential Lock	To be mentioned	
41.	Accessories.		
	a. 01 set spare wheel complete with fitting attachment on the rear door with lock and key & Wheel cover	To be provided	
	b. 02 x Head lights (Halogen Head Light), 04 x Turn signal light (Front & Rear), 02 x	To be provided	



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Serial	Description of General specifications	Required General Specifications	Remark
	Stop / Brake lights, 02 x Reverse light, 01x 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 driving during foggy weather)	To be provided	
	d. Fire Extinguisher 1 Kg capacity for A B C & E type with bracket and chemical to be fitted at the side of driver seat	To be provided	
	e. Seat belt for driver and other passengers	To be provided	
	f. Inspection lamp complete with Cable (10 meter), Plug & arrangement of socket in the vehicle for using inspection lamp	To be provided	
	g. 01 set Floor mat (front & rear) complete	To be provided	
	h. 02 x Sun visors with fitting brackets	To be fitted	
	j. 01 x inside rear view mirror	To be fitted	
	k. 02 x Chrome plated out side power door rear view mirrors with folding function	To be fitted.	
	l. 01 x Cigarette lighter & Ashtray	To be provided /fitted	
	m. Radio Set Complete	To be fitted	
	n. CD and DVD player	To be fitted	
	p. Digital Quartz Clock at Dashboard	To be fitted	
	q. Both Side Door: Full size normal door with normal winding windows power operated	To be fitted	
	r. Rear windshield with defogger	To be fitted	
	s. Type of Seat	To be mentioned	
	t. Tachometer/Engine RPM meter and Speedo meter (MKS system) in dashboard	To be fitted	
	u. Boost ventilator with central fresh, cool & hot air circulation (Dual type Air Condition) with climate control system	To be fitted	
	v. Steering wheel Cover (Leather wrap type)	To be fitted	
	w. Door Locks: Auto door lock operated from driver seat for all doors	To be fitted	
	x. Driver Seat: Double side front and rear and height adjustable with full tilting system of back rest for driver and second seater	To be fitted	
	y. Cup Holders on Console Box front and other rows for Water/Soft Drink Cups	To be fitted	
	z. Intermittent Windshield Wiper 02 x Front and 01 x rear	To be fitted	
	aa. 40 Litre Sub fuel Tank/Spare fuel Jarrican (fitted on rear door with fitting attachment) if available	To be mentioned	
	bb. Towing Hook Facility	To be provided	

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Serial	Description of General specifications	Required General Specifications	Remark
	cc. Front foot lamps and lighting for side steps (both sides)	To be fitted	
	dd. Cooler box	To be fitted	
	ee. Cargo room accessory socket	To be fitted	
	ff. Multi mode ABS with EBD or Equivalent System	To be fitted	
	gg. ASTC (Active Stability & Traction Control System) or Equivalent System	To be fitted if available	
	hh. 6-speaker audio system	To be fitted	
	jj. Coat Hook	To be fitted	
	kk. SRS (For driver and second seater)	To be fitted	
	ll. Spare Tyre Cover or Case	To be fitted	
	mm. Pintle Hook at rear	To be provided	
	nn. Rear Door Opening both from in side and outside	To be provided	
	pp. Roof mount cabin lamp (inside cabin)	To be provided	
	qq. Front & Rear Grill Guard/Bull Bar	To be provided	
	rr. Any other accessories (if available)	To be provided	
42.	Tools set.		
	a. 01 x Std Jack (hydraulic type)	To be provided	
	b. 01 x Wheel Wrench with Handle	To be provided	
	c. 01 x Adjustable Wrench	To be provided	
	d. 01 x Pliers	To be provided	
	e. 01x Screw Driver (+ -) with handle	To be provided	
	f. 2 set double ended spanner	To be provided	
	g. Grease gun with replaceable tip	To be provided	
	h. Tyre pressure gauge	To be provided	
	j. 01x Tool bag for above tools	To be provided	
43.	Petrol Oil Lubricant (POL) Information. 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	
	d. Grade of fuel to be used in Bangladesh	The vehicle must be suitable for used with fuel available in Bangladesh	
44.	Colour	As per indentor requirements	
45.	Training Requirements.		
	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)	
46.	Publications.		
	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	



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Serial	Description of General specifications	Required General Specifications	Remark
	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	
47.	Fast and slow moving spare parts	List to be provided as per requirement of EME Directorate	
48.	Analyzer, measuring & testing/fault finding and diagnostic set	To be provided as per requirement of EME Directorate	
49.	Special Service Tools (SST)	List to be provided as per requirement of EME Directorate	
50.	Special Service Materials (SSM)	List to be provided as per requirement of EME Directorate	
51.	Terms and Conditions.		
	a. Time of Free Service	1 Year	
	b. Warranty/Guaranty	1 Year	
	c. Technical offer should be on the original pad of principal/manufacture with sign & seal	To be submitted during evaluation stage	
	d. Authorization certificate to be provided by manufacturer in favour of principal	To be submitted during evaluation stage	
	e. Authorization certificate to be provided by principal in favour of local agent	To be submitted during evaluation stage	
	f. Offered technical specifications must conform to the specifications mentioned in the submitted brochure/ catalogue otherwise offer will not be accepted	Must be confirmed as per requirement	
	g. 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	
52.	Training, Maintenance and Repair Facility	Information to be provided	
53.	Provision of spare parts supply at least for 15 years	To be confirmed by the manufacturer/ principal	
54.	Production Date	Manufactured not before the year of contract	