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09 Poush 1431

24 December 2024

06.06.0000.214.eval.24/P-1

RE-EVALUATION OF VARIOUS VEHICLE

Reference:

A. Army Headquarters, Master General of the Ordnance Branch, Electrical and Mechanical Engineers Directorate letter number 23.01.901.048.06.079.01.12.12.24 Dated 15 December 2024 (Not to all).

1. Please be informed that Bangladesh Army is planning for re-evaluation of **3 Door Jeep (Hard Top), 3 Door Jeep (Soft Top), 5 Door Hard Top Jeep (GS) (GP-B) and Single Cabin Pickup**. In this regard, you are requested to forward technical offer **along with Original Brochure/Catalogue, Model Technical Specification 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 **25 January 2025** with an 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.
- B. Technical Specification of 3 Door Jeep (Soft Top) - 07 (Seven) Pages only.
- C. Technical Specification of Jeep 5 Door Hard Top Jeep (GS) (GP-B) - 06 (Six) Pages only.
- D. Technical Specification of Jeep Single Cabin Pickup - 06 (Six) Pages only.

Distribution:

External:

Action:

(All Concerned Supplier/Firm)

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Information:

Army Headquarters
General Staff Branch
Overseas Operations 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.

GENERAL TECHNICAL SPECIFICATIONS: 3 DOOR JEEP (HARD TOP)

Serial	Description of Technical Specifications	Required Technical Specifications	Remark
1.	Name of the Local Agent with full Address (including Telephone, Mobile & Fax number, email & Web address)	To be mentioned	
2.	Name of the Manufacturer with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
3.	Name of the Principal with full Address (including Telephone & Fax number, email & Web 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.	Dimension.		
	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.	Wheel Track (Tread).		
	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.	Weights.		
	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.	Engine.		
	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. 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	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
		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.	
	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.	Fuel System.		
	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. <u>Maximum Speed.</u>		
	(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.	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	
27.	Type of Steering	Power Steering	
28.	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	
29.	Chassis.		
	a. Type	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
30.	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	
31.	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	
32.	Suspension Details.		
	a. Front Suspension	Leaf/Coil spring/with telescopic shock absorber	
	b. Rear Suspension	Leaf/Coil spring/with telescopic shock absorber	
33.	Brake System.		
	a. Service Brake	Servo assisted	
	b. Parking Brake	Mechanical	
	c. Emergency Brake	To be mentioned	
34.	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 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.	Electric System.		
	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	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
41.	Dimension Cargo Bed Interior.		
	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.	Differential lock. Both at front & Rear Axle	To be provided	
44.	Accessories.		
	a. 01 set x spare wheel complete set with fitting attachment on the rear door with lock and key	To be provided	
	b. Hooks.		
	(1) Pintle hook. Towing capacity 3 Ton NATO standard military pattern and rotating type	To be provided	
	(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		
	c. Lights. 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. Blackout light. 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. All Light Guards. Must have metal Guard for all lights (May be arranged locally)	To be provided	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	p. Stowage for Weapons/ Equipment. 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	
	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.	Other Technical Requirement for Military Vehicle.		
	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.	Tools Set.		
	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.	Petrol Oil Lubricant (POL) Information. The following information must be		



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	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	
48.	Colour	As per indentor requirements	
49.	<u>Training Requirements.</u>		
	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.	<u>Publications</u>		
	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.	<u>Terms and Conditions.</u>		
	a. Time of Free Service	1 Year or 12000 miles (whichever comes later)	
	b. Warranty/Guaranty	1 Year or 12000 miles (whichever comes later) from the date of issuing I/NOTE	
	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	To be submitted during	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	of principal by the original vehicle manufacturer to be submitted along with offer	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	
	(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	



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GENERAL TECHNICAL SPECIFICATIONS: 3 DOOR JEEP (SOFT TOP)

Serial	Description of Technical Specifications	Required Technical Specifications	Remark
1.	Name of the Local Agent with full Address (including Telephone, Mobile & Fax number, email & Web address)	To be mentioned	
2.	Name of the Manufacturer with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
3.	Name of the Principal with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
4.	Nomenclature	3 Door Jeep (Soft 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	Soft top	
10.	Dimensions.		
	a. Overall Length	3700 mm (Minimum) (Bumper to Bumper)	
	b. Overall Width	1600 mm (Minimum)	
	c. Overall Height	1900 mm (Minimum)	
11.	Wheel Base	2200 mm (Minimum)	
12.	Ground Clearance	225 mm (Minimum) Unladen	
13.	Wheel Track (Tread).		
	a. Front	1400 mm (Minimum)	
	b. Rear	1400 mm (Minimum)	
14.	Gradient	65% (Minimum)	
15.	Angle of Approach	30° (Minimum)	
16.	Angle of Departure	30° (Minimum)	
17.	Fording Depth	600 mm (Minimum)	
18.	Weights.		
	a. Kerb Weight	1700 kg (Minimum)	
	b. Payload Kg	700 Kg (Minimum)	
	c. Gross Vehicle Weight (GVW)	2400 kg (Minimum)	
19.	Towed load off road	500 kg (Minimum)	
20.	Seating Capacity	2 persons front and 4 persons rear	
21.	Turning Radius	6.5 M (Maximum) (Outer wheel to wheel)	
22.	Engine.	All Jeeps must be diesel Jeep and 4 stroke	
	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 at 3800 rpm (Minimum) (RPM to be mentioned)	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	k. Maximum Torque	265 N-m at 1800 rpm (Minimum)	
	l. 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.	
	m. Weight/Power ratio (HP/Weight in Ton)	35 HP/Ton (Minimum)	
	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	
23.	Fuel System.		
	a. Fuel Type	Diesel	
	b. Fuel tank capacity	In built tank capacity for minimum cruising range of 500 km on level 1 st class road	
	c. Fuel injection pump	To be mentioned	
	d. Fuel consumption per 100 km	To be mentioned	
	e. Fuel filter	To be mentioned	
	f. Cruising range	To be mentioned	
	g. Maximum Speed.		
	(1) High way	100 Km/Hour (Minimum)	
	(2) Cross Country	To be mentioned	
24.	Engine oil sump capacity	To be mentioned	
25.	Air cleaner	To be mentioned	
26.	Cooling system	Water cooled	
27.	Coolant capacity	To be mentioned	
28.	Lubrication	To be mentioned	
29.	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 Box Model	To be mentioned	
	f. Gear Ratio	To be mentioned	
30.	Type of Steering	Power steering	
31.	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	
32.	Chassis.		

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	a. Type	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
33.	Suspension Details.		
	a. Front Suspension	To be mentioned	
	b. Rear Suspension	To be mentioned	
34.	Brake System.		
	a. Service Brake	Details specification to be mentioned	
	b. Parking Brake	Details specification to be mentioned	
	c. Emergency Brake	Details specification to be mentioned	
35.	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	
36.	Electric System.		
	a. Volt	24 Volt	
	b. Battery	2x12 Volt, 60 AH each (Minimum)	
	c. Alternator (Volt & Amp)	Apm to be mentioned	
	d. Starter (KW)	KW To be mentioned	
37.	Noise Suppressor	All components producing noise and spark should be adequately cushioned/ shielded	
38.	Windshield	To be mentioned	
39.	Front doors	Full size normal doors with normal windings windows	
40.	Rear Doors	Side hinged two rear doors with fitting attachment of spare wheel on rear door	
41.	Dimension Cargo Bed Interior.		
	a. Length (Interior)	To be mentioned	
	b. Width (Interior)	To be mentioned	
	c. Height (Interior)	To be mentioned	
42.	Clutch.		
	a. Type	To be mentioned	
43.	Gear Shifting Lever	Floor shifting type to be provided	
44.	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	
45.	Rear Axle.		
	a. Type	To be mentioned	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	b. Axle Capacity	To be mentioned	
	c. Country of Origin	Group-A	
	d. Country of Manufacturer	Group-A	
	e. Country of Assembly	Group-A	
46.	Final Drive Ratio	To be mentioned	
47.	Modification Points	<p>a. The bumper has to be taken forward as necessary (2" to 2.5") May be arranged in Bangladesh (Sample to be approved from IV&EE before assembling).</p> <p>b. <u>Rear seats</u>. Front of rear seats to be raised by 1-1/2" (38 mm). May be arranged in Bangladesh (Sample to be approved from IV&EE before assembling).</p>	
48.	Accessories.		
	a. Pintle hook	3 ton capacity rotating type, NATO Std Mil pattern Toyota standard pintle hook to be provided from Japan and Rotating type, NATO standard Military pattern to be modified locally (sample to be approved from IV&EE before assembling).	
	b. Blackout lights	The following Blackout light to be provided/ fitted locally (Sample to be approved from IV&EE before assembling): <ol style="list-style-type: none"> 1. 1x Blackout head light front RH. 2. 1x Blackout convoy light at rear. 3. 2x Black out combination light NATO std (side & stop) at rear RH & LH. 	
	c. 12 Pin electrical connection for trailer	NATO type, 12 Pin electrical connection for trailer to be provided/fitted locally (Sample to be approved from IV&EE before assembling).	
	d. Free size Antenna fixing base of wireless set	Free size Antenna fixing base of wireless set to be provided/fitted locally (Sample to be approved from IV&EE before assembling).	
	e. Fixing socket for wireless set power supply	Fixing socket for wireless set power supply to be provided/fitted locally (Sample to be approved from IV&EE before assembling).	
	f. Free size base frame for fixing wireless set	Free size base frame for fixing wireless set should be removable and free size for multiple wireless set use to be provided / fitted locally (Sample to be approved from IV&EE before assembling).	
	g. Guard for all lights	Guard for all lights to be provided/fitted locally (Sample to be approved from IV&EE before	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	ee. Mudguard with mud flap for all wheels	To be fitted	
	ff. 02 x Fog lamp at front	To be provided	
49.	Tools Set.		
	a. 01 x Mechanical (screw type) jack assy 1.8 ton with handle	To be provided	
	b. 01 x Wheel wrench with handle	To be provided	
	c. 01x Adjustable wrench 200 mm	To be provided	
	d. 01 x Combination pliers slip joint 150 mm	To be provided	
	e. 01x Combination screw driver (+-) with handle	To be provided	
	f. 01 Set x Double ended spanner (08x10 mm & 12x14 mm)	To be provided	
	g. 01 x Tyre pressure gauge	To be provided	
	h. 01 x Tool bag for above tools	To be provided	
50.	Colour	Duco Paint (Nitro Cellulose Based MB Green) (Sample of colour shade to be approved from IV& EE before painting).	
51.	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	
52.	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)	
53.	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	
	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	
54.	Fast and slow moving spare parts	List to be provided as per requirement of EME Directorate	
55.	Analyzer, measuring & testing/fault finding and diagnostic set	To be provided as per requirement of EME Directorate	
56.	Special Service Tools (SST)	List to be provided as per requirement of EME Directorate	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
		assembling).	
	h. Clips carrier min two rifles	Clips carrier min two rifles to be provided/fitted locally (Sample to be approved from IV&EE before assembling).	
	j. Attaching points for load restraint with straps/ chain for securing ammo boxes and conventional load	Attaching points for load restraint with straps/ chain for securing ammo boxes and conventional load to be provided/ fitted locally (Sample to be approved from IV&EE before assembling).	
	k. Wiring harness parts	Wiring harness parts which will be in contact with water to be wrapped by special adhesive and covered by flexible pipe to be provided/ fitted locally (Sample to be approved from IV&EE before assembling).	
	l. Toyota standard spare wheel complete set with fitting attachment	01 set x Toyota standard spare wheel complete set with fitting attachment on the rear door to be provided and Lock & Key to be provided/fitted locally (Sample of Lock & key to be approved from IV&EE before assembling).	
	m. Differential lock: Both at front & Rear Axle	To be provided	
	n. Fire Extinguisher 1 Kg A B C type of Japan (Which capable extinguisher A, B, C & E type fire) with Bracket & Chemical	To be provided	
	p. Seat belt for driver and front passengers	To be provided	
	q. Inspection lamp complete with Cable, Plug & arrangement of socket lamp as manufacturer standard	To be provided	
	r. Axle breather and gear breather & wiring distributor box to be raised higher than that of the fording depth (same as previous supply)	To be provided	
	s. 01 set Grey colour vinyl hood canopy with both side transparent window of heavy duty tale sheet with superstructure	To be provided from manufacturer country.	
	t. 01 set Floor mat (front & rear) complete	To be provided	
	u. 01 set Toyota standard spare wheel complete set with fitting attachment on the rear door	To be provided	
	v. 02 x Sun visors with fitting brackets	To be provided	
	w. 01 x inside rear view mirror	To be provided	
	x. 02 x Outside rear view mirror with stands/ brackets	To be provided	
	y. 01 x Cigarette lighter & Ashtray	To be provided/fitted	
	z. 01 Set x Boost ventilator	To be fitted	
	aa. 02x Wheel stopper	To be provided	
	bb. 02x Towing hook at front	To be provided	
	cc. Radio set complete	To be fitted	
	dd. Head rest for front seater	To be fitted	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
57.	Special Service Materials (SSM)	List to be provided as per requirement of EME Directorate	
58.	Terms and Conditions.		
	a. Time of Free Service	1 Year or 12000 miles (whichever comes later)	
	b. Warranty/Guaranty	1 Year or 12000 miles (whichever comes later) from the date of issuing I/NOTE	
	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:		
	(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	
59.	Production Date	Manufactured not before the year of contract	



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GENERAL TECHNICAL SPECIFICATIONS: 5 DOOR HARD TOP JEEP (GS) (GP-B)

Serial	Description of Technical Specifications	Required Technical Specifications	Remark
1.	Name of the Local Agent with full Address (including Telephone, Mobile & Fax number, email & Web address)	To be mentioned	
2.	Name of the Manufacturer with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
3.	Name of the Principal with full Address (including Telephone & Fax number, email & Web 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	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	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)	
	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	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	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	
	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	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
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 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	To be provided	
	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	



Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	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	
	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	To be provided (As per requirement of	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	Aspect Training	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	
	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 or 12000 miles (whichever comes later)	
	b. Warranty/Guaranty	1 Year or 12000 miles (whichever comes later) from the date of issuing I/NOTE	
	c. Technical offer should be on the original pad of principal/manufacturer 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	



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GENERAL TECHNICAL SPECIFICATIONS: SINGLE CABIN PICKUP

Serial	Description of Technical Specifications	Required Technical Specifications	Remark
1.	Name of the Local Agent with full Address (including Telephone, Mobile & Fax number, email & Web address)	To be mentioned	
2.	Name of the Manufacturer with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
3.	Name of the Principal with full Address (including Telephone & Fax number, email & Web address)	To be mentioned	
4.	Nomenclature	Single Cabin Pickup	
5.	Make & Model	To be mentioned	
6.	a. Country of Origin	Group-A	
	b. Manufacturing Country	Group-A	
	c. Country of Assembly	Group-A	
7.	Drive	RHD	
8.	Configuration	4x4	
9.	Roof	Hard top for driver's cabin and soft top for rear body with superstructure	
	Dimensions :		
10.	a. Overall Length	5000 mm- 5500 mm	
	b. Overall Width	1750 mm-2350 mm	
	c. Overall Height	1750 mm – 2500 mm	
	d. Roof Height from Seat	To be mentioned	
11.	Wheel Base	To be mentioned	
12.	Ground Clearance	Should not be less than 210 mm	
13.	Wheel Track		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
14.	Gradient	60% (Minimum)	
15.	Angle of Approach	30° (Minimum)	
16.	Angle of Departure	25° (Minimum)	
17.	Fording Depth	500 mm (Minimum)	
18.	Weights		
	a. Kerb Weight	To be mentioned	
	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	Driver Cabin 02 Person Rear body 10 Persons (Minimum)	
20.	Turning Radius (Maximum)	8.25 Meter (Maximum)	
21.	Engine	All Pickup must be 4 Stroke diesel Pickup	
	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 and Stroke	To be mentioned	
	g. Piston Displacement	To be mentioned	
	h. HP	100 HP (Min) (RPM to be mentioned)	
	j. Torque	250 N-m (Min) RPM to be mentioned	
	k. 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	

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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
		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	
	l. Fuel Tank Capacity	To be mentioned	
	m. Type of fuel	Diesel	
	n. Fuel Injection Pump	To be mentioned	
	p. Fuel Consumption per 100 km	To be mentioned	
	q. Max Speed (High way)	100 Km/h	
	r. Engine Oil Sump Capacity	To be mentioned	
	s. Cooling System	Liquid cooled	
	t. Coolant Capacity	To be mentioned	
22.	Cruising Range	500 km (min) with provision for extra Jerrican outside main cargo space (if required)	
23.	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	
24.	Type of Steering	Power Steering	
25.	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	
26.	Chassis.		
	a. Type	To be mentioned	
	b. Country of Origin	Group-A	
	c. Country of Manufacturer	Group-A	
	d. Country of Assembly	Group-A	
27.	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	
28.	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	
29.	Suspension Details		
	a. Front	To be mentioned	
	b. Rear	To be mentioned	
30.	Brake System		
	a. Service Brake	To be mentioned	
	b. Parking Brake	To be mentioned	
	c. Emergency Brake	To be mentioned	
31.	Tyres		
	a. Tyre size	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	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	d. Tyre Pattern	Thailand and South Korea	
	e. Rim Size	Non-directional (ND) Ground Grip (GG) and Cross country (CC).	
32.	Electric System	To be mentioned	
	a. Volt	24 Volt or 12 Volt with converter to convert to 24 volt for communication purpose	
	b. Battery	1 or 2 x 12 Volt AH to be mentioned	
	c. Alternator	12/24 Volt Amp to be mentioned	
	d. Starter	12/24 Volt KW to be mentioned	
33.	Noise Suppressor	To be provided	
34.	Front Doors	To be provided	
35.	Dimension Cargo Bed Interior		
	a. Length (Interior)	To be provided	
	b. Width (Interior)	To be provided	
	c. Height (Interior)	To be provided	
36.	Clutch		
	a. Type	To be provided	
	b. Model	To be mentioned	
37.	Differential lock/limited slip differential	To be mentioned	
38.	Accessories		
	a. 01 set x spare wheel complete set with fitting attachment (Should be fitted preferable under rear load body)	To be provided	
	b. Lights: 02 x Head lights (Sealed beam type), 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.	To be provided	
	c. 02 x Fog lamp at front for drive	To be provided	
	d. Black out light : 01x Blackout driving light at front RH, 02x Blackout side light NATO standard at front LH & RH, 02x Blackout combination light NATO std (Side & stop) at rear LH & RH and 01x Blackout convoy light at rear	To be provided	
	e. Fire Extinguisher 1 Kg capacity for A, B C & E type with bracket and chemical filled to be fitted at the side of driver seat	To be provided	
	f. Seat belt for driver and front passenger	To be provided	
	g. Rear seat complete set including all accessories	To be provided	
	h. Driver seat: Double side front and rear height adjustable with full tilting system of back rest for driver and second seater	To be fitted	
	j. Head rest for front & rear seater	To be provided	
	k. 01 Set of vinyl canopy with both side transparent window of heavy duty talc sheet with superstructure (mild steel)	To be provided	
	l. Mudguard with mud flap for all wheel	To be provided	
	m. Electrical connection for trailer 12 pin NATO standard	To be provided	
	n. Antenna fixing base for wireless	To be provided	
	p. Fixing socket for wireless set power supply	To be provided	
	q. Base frame for fixing wireless set (Free size)	To be provided	
	r. Guard for all light	To be provided	
	s. Pintle hook rotating type NATO standard at rear (03 Ton capacity Minimum)	To be provided	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
	t. Attaching point for load restraint	To be provided	
	u. Rifle clip inside the cabin for fixing 02x rifle	To be provided	
	v. Inspection lamp complete with Cable (10 meter). Plug & arrangement of socket in the vehicle for use of inspection lamp as manufacturer standard.	To be provided	
	w. 01 set x Floor mat front & rear complete	To be provided	
	x. 02 x Sun visors with fitting brackets	To be fitted	
	y. 01 x Inside rear view mirror	To be fitted	
	z. 02 x Outside rear view mirror with stands/brackets	To be fitted	
	aa. 01 x Cigarette lighter & Ashtray	To be provided /fitted	
	bb. Radio set complete	To be fitted	
	cc. Clock at Dash board	To be fitted	
	dd. Both side door: Full size normal door with normal winding windows	To be fitted	
	ee. Tachometer with engine RPM meter and Speedo meter (MKS system) in dashboard	To be fitted	
	ff. Roof Mount Cabin Lamp Inside Cabin.	To be fitted	
	gg. 02 x Towing hook at front	To be provided	
39.	Tools Set		
	a. 01 x Standard hydraulic jack with handle	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. 01 x Screw driver (±) with handle	To be provided	
	f. 02 Nos. Double ended spanner	To be provided	
	g. Grease gun with replaceable tip locally	To be provided	
	h. Tyre pressure gauge	To be provided	
	j. 01 x Tool bag for above tools	To be provided	
40.	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	
41.	Colour	As per indentor requirements	
42.	Publications		
	a. Driver's/Owner's manual in English for Vehicle (Complete Book type)	To be provided as per requirement of EME Dte	
	b. Updated workshop/repair manual (for vehicle) in English (Complete Book type.	To be provided as per requirement of EME Dte	
	c. Spare Parts Catalogue in English Book type.	To be provided as per requirement of EME Dte	
	d. Spare Parts Price Catalogue in English Book type.	To be provided as per requirement of EME Dte	
	e. Other Operator's manuals Catalogue (Book Type) for additional equipment like Radio, Navigational Equipment etc.	To be provided as per requirement of EME Dte	
43.	Fast and slow moving spare parts	List to be provided as per requirement of EME Dte	
44.	Analyzer, measuring & testing/fault finding and diagnostic set	To be provided as per requirement of EME Dte	
45.	Special Service Tools (SST)	List to be provided as per requirement of EME Dte	
46.	Special Service Materials (SSM)	List to be provided as per requirement of EME Dte	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
47.	Training Requirements.		
	a. User Training	To be provided (As per User/ Sponsor Directorate)	
	b. Operation, Repair and Maintenance Training	To be provided (As per requirement of EME Directorate)	
	c. Equipment Management Training	To be provided (As per requirement of Ordnance Directorate)	
48.	Terms and Conditions		
	a. Original offer (with proper signing at every pages) along with original brochure/ catalogue with proper marking and signed name designation, telephone No, Fax No., E-mail address must be submitted	Must be confirmed as per requirement	
	b. Offered technical specifications must conform to the specifications mentioned in the submitted brochure/ catalogue; otherwise offer will not be accepted. Fax/photocopy offer/ catalogue/ brochure & catalogue without marking/signing will not be considered	Must be confirmed as per requirement	
	c. Authorization certificate (Original) in favour of principal by the original vehicle manufacturer to be submitted along with offer	Must be confirmed as per requirement	
	d. Authorization certificate (Original) in favour of local agent by the principal to be submitted along with offer	Must be confirmed as per requirement	
	e. The Manufacturer, Principal and Local Agent must give a guarantee certificate for the following :		
	(1) Same/similar model of vehicle/ equipment will be available for next 10 years (Confirmation certificate to be provided by manufacturer)	Must be confirmed as per requirement	
	(2) Spares will be available for at least 15 years (Confirmation certificate to be provided by manufacturer)	Must be confirmed as per requirement	
	(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).	Must be confirmed as per requirement	
49.	Other Technical Requirement for Military Vehicle		
	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. GS vehicle must be "Fit for Radio" (FFR) communication with FR suppression/ Shielding in complete electrical system including alternator	To be provided	
	c. Rain and Dust Protection. Removable soft top cover for protection against rain and dust	To be provided	
	d. GS vehicle must be of 24 Volt with electrical system with power output socket in rear passenger compartment for radio (FFR) sets	To be provided	
	e. Tyres for all pickup must be same size and grip pattern for logistics ease	To be provided	
	f. Suspension must allow for travel with full load over broken and undulating ground	To be provided	
	g. Crew Safety. Single Tubular Steel Roll Over protection bar strong enough to special GVW (Gross Vehicle Weight)	To be provided	
50.	Unit price and likely increase due to price escalation in percentage during next 5 years (if available)	To be available	



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Serial	Description of Technical Specifications	Required Technical Specifications	Remark
51.	Provision of repair, maintenance and after sale service support from local firm	Name of workshop to be mentioned	
52.	a. Time of Free Service	1 Year or 12000 miles (whichever comes later)	
53.	b. Warranty/Guaranty	1 Year or 12000 miles (whichever comes later) from the date of issuing I/NOTE	
54.	Production Date	Manufactured not before the year of contract	

