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26 Bhadra 1431

10 September 2024

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RE-EVALUATION/STANDARDIZATION OF SINGLE CABIN PICKUP

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 **Single Cabin Pickup**. 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 Single Cabin Pickup - 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: SINGLE CABIN PICKUP

| Serial | Description of General specifications | Required General Specifications | Remark |
|--------|---------------------------------------|---|--------|
| 1. | Name of the local Agent & Address | To be mentioned | |
| 2. | Name of the Manufacturer & Address | To be mentioned | |
| 3. | Nomenclature | Single Cabin Pickup | |
| 4. | Make & Model | To be mentioned | |
| 5. | a. Country of Origin | Group-A | |
| | b. Manufacturing Country | Group-A | |
| | c. Country of Assembly | Group-A | |
| 6. | Drive | RHD | |
| 7. | Configuration | 4x4 | |
| 8. | Roof | Hard top for driver's cabin and soft top for rear body with superstructure | |
| 9. | Dimensions : | | |
| | 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 | |
| 10. | Wheel Base | To be mentioned | |
| 11. | Ground Clearance | Should not be less than 210 mm | |
| 12. | Wheel Track | | |
| | a. Front | To be mentioned | |
| | b. Rear | To be mentioned | |
| 13. | Gradient | 60% (Minimum) | |
| 14. | Angle of Approach | 30° (Minimum) | |
| 15. | Angle of Departure | 25° (Minimum) | |
| 16. | Fording Depth | 500 mm (Minimum) | |
| 17. | 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) | |
| 18. | Seating Capacity | Driver Cabin 02 Person Rear body 10 Persons (Minimum) | |
| 19. | Turning Radius (Maximum) | 8.25 Meter (Maximum) | |
| 20. | 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 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. | |



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|--------|---------------------------------------|---|--------|
| | 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 | |
| 21. | Cruising Range | 500 km (min) with provision for extra Jerrican outside main cargo space (If required) | |
| 22. | 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 | |
| 23. | Type of Steering | Power Steering | |
| 24. | 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 | |
| 25. | Chassis. | | |
| | a. Type | To be mentioned | |
| | b. Country of Origin | Group-A | |
| | c. Country of Manufacturer | Group-A | |
| | d. Country of Assembly | Group-A | |
| 26. | 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 | |
| 27. | 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 | |
| 28. | Suspension Details | | |
| | a. Front | To be mentioned | |
| | b. Rear | To be mentioned | |
| 29. | Brake System | | |
| | a. Service Brake | To be mentioned | |
| | b. Parking Brake | To be mentioned | |
| | c. Emergency Brake | To be mentioned | |
| 30. | 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, Thailand and South Korea | |
| | d. Tyre Pattern | Non-directional (ND) Ground Grip (GG) and Cross country (CC). | |

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| | e. Rim Size | To be mentioned | |
| 31. | Electric System | | |
| | 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 | |
| 32. | Noise Suppressor | To be provided | |
| 33. | Front Doors | To be provided | |
| 34. | Dimension Cargo Bed Interior | | |
| | a. Length (Interior) | To be provided | |
| | b. Width (Interior) | To be provided | |
| | c. Height (Interior) | To be provided | |
| 35. | Clutch | | |
| | a. Type | To be provided | |
| | b. Model | To be mentioned | |
| 36. | Differential lock/limited slip differential | To be mentioned | |
| 37. | 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 | |
| | i. 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 | |
| | t. Attaching point for load restraint | To be provided | |



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| | 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 | |
| 38. | 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 (\pm) 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 | |
| 39. | 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 | |
| 40. | Colour | As per indentor requirements | |
| 41. | 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 | |
| 42. | Fast and slow moving spare parts | List to be provided as per requirement of EME Directorate | |
| 43. | Analyzer, measuring & testing/fault finding and diagnostic set | To be provided as per requirement of EME Directorate | |
| 44. | Special Service Tools (SST) | List to be provided as per requirement of EME Directorate | |
| 45. | Special Service Materials (SSM) | List to be provided as per requirement of EME Directorate | |

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| 46. | 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) | |
| 47. | 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 | |
| 48. | 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 be 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 | |



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|--------|--|--|--------|
| | g. Crew Safety. Single Tubular Steel Roll Over protection bar strong enough to special GVW (Gross Vehicle Weight) | To be provided | |
| 49. | Unit price and likely increase due to price escalation in percentage during next 5 years (if available) | To be available | |
| 50. | Provision of repair, maintenance and after sale service support from local firm | Name of workshop to be mentioned | |
| 51. | Time of Free Service | 1 Year | |
| 52. | Warranty/Guaranty | 1 Year | |
| 53. | Production Date | Manufactured not before the year of contract | |