

No.IV-21011/15/2010-Prov-I  
Government of India/Bharat Sarkar  
Ministry of Home Affairs/Grih Mantralaya

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26, Man Singh Road, Jaisalmer House,  
New Delhi, 18.10.2010

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject:- QRs/Technical Specifications of Three Wheeler(Delivery Van ) - regarding

Sir,

I am directed to forward the QR/specifications for Three Wheeler(Delivery Van ) which has been finalized and accepted by the competent authority in the MHA.

2. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down Technical Specifications/QRs.

Yours faithfully,



(Suraj Bhan)

Deputy Secretary to the Govt. of India.  
23386191

Encls: 2(Two) sheets

Copy to:-

DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

Issued. P. B. No

5/08.

15/2007

19/09.6/07 15/07

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**PROPOSED QRS FOR THREE WHEELER (DELIVERY VAN)**

S/N	Parameters	Specifications	
		For diesel engine	For CNG engine (Dual mode)
1	<b>Engine</b> Type Capacity Max power Max torque Cooling system Compression ratio	4-Stroke, single cylinder diesel engine Minimum 360 cc 6hp-9hp 16Nm-22Nm Forced Oil/air cooled 17:1 – 24:1	4-Stroke, single cylinder spark ignition engine Minimum 200 cc 6hp-9hp 10Nm-22Nm Forced Oil/air cooled 8:1 – 11:1
2	Chassis	Monocoque with stamped & welded member	Monocoque with stamped & welded member
3	Brakes	Drum brakes, auto adjustable, hydraulically assisted	Drum brakes, auto adjustable, hydraulically assisted
4	<b>Transmission</b> Type No. of gears Clutch	Constant mesh 4 forward + 1 reverse Multiplate wet type	Constant mesh 4 forward + 1 reverse Multiplate wet type
5	Wheel	4.5x10, 8 PR 4.00x8, 4 PR	4.5x10, 8 PR
6	Fuel tank capacity	7-12 Ltrs	CNG cylinder 4-10 Kg Petrol 2-4 Ltrs
7	Suspension	Front shock absorber with helical coil compression spring. Rear shock absorber with helical coil compression spring/ Independent suspension, shock absorber with compression spring	Front shock absorber with helical coil compression spring. Rear shock absorber with helical coil compression spring/ Independent suspension, shock absorber with compression spring
8	Electrical	System voltage 12v DC, Battery 12v 50AH/32AH wiper motor 12v	System voltage 12v DC, Battery 12v 50AH/32AH wiper motor 12v
9	<b>Dimensions</b> Wheel base T rack width Overall width Overall length Overall height Ground clearance Cargo bed length Cargo bed width Cargo bed height	1800 mm-2100 mm 1050 mm-1350 mm 1300 mm-1500 mm 2700 mm-3100 mm 1600 mm-2100 mm Min 160 mm 1400 mm-1650 mm 1350 mm-1470 mm 900 mm-1150 mm	1800 mm-2100 mm 1050 mm-1350 mm 1300 mm-1500 mm 2700 mm-3100 mm 1600 mm-2100 mm Min 160 mm 1400 mm-1650 mm 1350 mm-1470 mm 900 mm-1150 mm

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10	<b>Weight</b> Kerb weight Gross weight	350-500 Kg Min.750 Kg	350-500 Kg Min.750 Kg
11	Emission norms	Engine should be in compliance with BSIII norms or better as applicable	Engine should be in compliance with BSIII norms or better as applicable
12	Other features	All controls should be within the easy reach of the operator from comfortable driver's seat Front wind screen should be of single piece Vehicle should be provided with anti theft lock, fuel tank lock and battery lock Vehicle should be provided with Speedometer and fuel gauge meter.	All controls should be within the easy reach of the operator from comfortable driver's seat Front wind screen should be of single piece Vehicle should be provided with anti theft lock, fuel tank lock and battery lock Vehicle should be provided with Speedometer and fuel gauge meter.

  
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DIG (Prov)