

METRO-NORTH RAILROAD

SPECIFICATION 5A

Revised 1/2015

General Description: **8 PASSENGER WINDOW VAN**



<u>Item</u>	<u>Minimum Specification Component, Size and Capacities</u>	<u>Vendor Please State: Specific Component, Size and Capacities To Be Supplied</u>
1.00 Make/Model	Specify: Vehicle Make : _____ , Model: _____	_____.
1.01 GVW	8,500 lbs. (min.)	_____ G.V.W.
1.02 Payload	Basic Chassis 3,000 lbs. (min.)	_____ lbs.
1.02 Wheelbase	W.B.135" approx.	_____ "W.B.
1.04 Height (max.)	Please state. (All vehicles with an unloaded height of over 11 ft. placards showing the maximum vehicle height are to be placed on the body near the highest point, and on the instrument panel, both within the drivers line of sight.	_____.
1.10 Frame	H.D. truck frame. RBM to be consistent with G.V.W. and wheelbase requirements.	_____.
1.11 Front axle	Non-Driving, 3,800 lbs. (min.)	_____.
1.12 Rear axle	Driving, 6,000 lbs. (min.)	_____.
1.13a Front suspension	3,800 lbs. total (min.) w/H.D. stabilizer bar.	_____.
1.13b Rear suspension	5,300 lbs. total (min.)	_____.
1.14 Steering	Full Power	_____.
1.15 Transmission	H.D. 4 Speed Automatic/OD	_____.

<u>Spec 5A/B</u> <u>Item</u>	<u>Minimum Specification</u> <u>Component, Size and</u> <u>Capacities</u>	<u>Vendor Please State:</u> <u>Specific Component,</u> <u>Size and Capacities</u> <u>To Be Supplied</u>
1.16a Front tow hooks	N.A.	_____.
1.20a Tires & wheels	LT 225/75R16E mounted on H.D. rims. M+S tread front and rear.	_____.
1.20b Spare/mounting	M+S Tread mounted on rim with tools provided, and mounted in a carrier. If mounted outside vehicle, must be a locking carrier.	_____.
1.20c Tire clearance	Sufficient clearance to be maintained up to rated G.V.W.	_____.
1.30 Brakes, type	H.D. Disc front/rear, power assisted, w/four wheel ABS.	_____.
1.40 Engine	H.D. Truck, gasoline engine 8 cylinder 5.4 Ltr. Disc. (min.).	_____.
1.41 Cooling system	H.D. system protected to -30°F.	_____.
1.42 Fuel system	30 gallon cap.(Min.) Locking fuel caps.	_____.
1.42a Fuel types	Vehicle must be capable of operating on reformulated gasoline or diesel fuel as defined in the Federal Clean Air Act (CAAA), and N.Y.S. Clean Fuel Fleet Program.	_____.
1.43 Elect. system	Alt. 120 amp.(Min.),Battery 450 CCA@0°F.	_____.
1.45 Exhaust system	To be shielded to prevent overheating and contact with body and be routed to prevent fumes from being discharged at operators station.	_____.
1.50 Body type	Full window van with right side & rear panel type doors. Flip open side door windows.	_____.
1.51a Interior seating	2 Front,1 Middle x 3,1 Rear x 3 upholstered in H.D. vinyl, w/high back (or individual headrests). Seat belts included for each passenger. Driver and right passenger dual air bags.	_____.
1.51b Interior	Headliner over drivers compartment, arm rests on each door, full length rubber floor covering, dual front sun visors.	_____.
1.51c Instruments	Include: Speedometer/odometer, ammeter or voltmeter fuel & temp. gauges, oil pressure light.	_____.
1.52a Interior lights	Door and dash operated.	_____.
1.52b Horn	Electric	_____.
1.52c Wiper/washer	Two speed electric w/intermittent.	_____.
1.52d Heater/AC	Heater/ Air Conditioner w/manual temperature control. Factory installed.	_____.
1.52e Radio	Std AM/FM	_____.
1.53a Reflector kit	Dot approved triangle kit.	_____.
1.53b Fire extinguisher	10BC (min.) cab mounted, secured with a quick	_____.

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	release strap type clip.	_____.
1.53c Shipping paper pouch	10"x15" w/clear vinyl front, mounted on inside of drivers door. J.J.Keller DR-8-R (or equal).	_____.
1.54a Hood lock	Inside Cab.	_____.
1.54b Mirrors	Dual, OEM, below eye level, manual foldaway mirrors w/convex section. Min. approx. size: 9" x 6.5".	_____.
1.54c Grab handles	N.A.	_____.
1.54d Backup alarm	Audible type, frame mounted.	_____.
1.54e Backup Camera	OEM backup camera w/ built in dash mounted monitor or aftermarket rear vision camera system w/ 5" monitor, LED backlit display, 180 degree view, automatic trigger when transmission place in reverse mounted to dash area in drivers full view w/o obstructing view out windshield (Zone Defense ZD.322.R or approved equal)	
1.56a Rust proofing/ undercoating (cab & body)	Std. Vehicle and Truck Body Manufacturers process permitted if 5 year Rust Perforation Warranty is included with vehicle and truck body. Otherwise a non-hardening rust proofing process such as Tufflex, or Ziebart must be applied to: all fender, hood, trunk, door cowl, rocker, body and engine compartment panel inside surfaces.	_____.
1.57a Exterior paint	Mfgs. standard polyurethane enamel GM #86U Wheatland Yellow, Ford #M6284 Yellow Chrysler P99 Yellow (or equal).	_____.
4.00 Misc. body items 4.03 Wiring	All wiring to be routed in plastic wire looms. To be secured by tiedowns and fasteners. Rubber grommets to be used wherever wiring passes through a body panel. Wires must not be allowed to droop be subject to being pulled or pinched.	_____.
4.04 Lighting	To Conform to FMVS 108.	_____.
4.04a Rear lighting	Mfgs. Standard body lighting.	_____.
4.04b License plate bracket	Illuminated Type with Armored Lens. Signal Stat 9365W (or equal) (Req,d if standard light is obscured due to equip. installation.).	_____.
5.00 Misc.		_____.
5.01a Manuals	Supply the following at time of delivery.	_____.
5.01b Vehicle (operators)	One per vehicle	_____.

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5.02a Warranty	To be completed and supplied at time of delivery. Warranty on Vehicle and Components will start at in service date by Metro-North.	_____
5.04a Inspection	All vehicles are subject to Inspection by Metro-North Automotive during assembly.	_____
5.06 Keys	Two complete sets of keys for chassis, body, and all locking components, each identified with key codes are to be supplied. However, if chassis manufacturer supplies an ignition switch which requires a key with an electronically encoded chip, four (4) sets of fully functional ignition keys are to be supplied with the vehicle.	_____
5.07 Striping	The vehicle cab and body shall be striped and decaled both sides. The striping package shall consist of one, 4 inch wide stripe, MTA Metro North Railroad logo on both front door and rear of vehicle, US DOT decal (vehicles w 10,000 lb or greater GVW), Vehicle numbers on both sides and rear. See Attached Spec Due to the various cab and body configurations, all striping will not commence without the prior approval of the Assistant Director of Automotive or his designee, for the proper configuration. _____	
6.00a Weight analysis	Vehicle cargo capacity may not be less than the minimum shown. M-N reserves the right to weigh a sample vehicle(s) to verify the capacity.	
	a. Basic Chassis	_____ lbs.
	b. Miscellaneous Components	_____ lbs.
	c. Total	_____ lbs.
	d. Remaining Capacity	_____ lbs.
	e. Minimum Cargo Capacity Required	_____ 3,000lbs.
6.01 Emission/safety requirements	Vehicle(s) are to be in compliance with Federal and New York State Safety & Emission requirements for current model year vehicles, to permit registration of vehicle in New York State.	_____
6.02) Layout Drawing	The vendor who is awarded the purchase order for this unit will supply a layout drawing (to scale) within 7 days of receiving PO. Showing the component placement of the completed vehicle. Drawing is to show a full side curb elevation rear elevation and any additional views to clearly show all components added to chassis	_____
6.04 Assembly	Point of Completed Vehicle Assembly.	_____