

# METRO-NORTH RAILROAD

## SPECIFICATION 3C

Revised 11/2015

General Description: **2 MAN LIGHT DUTY REPAIRMAN'S 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: _____	_____.
1.00a Event Data Recorder	<b>Is this vehicle equipped with an Event Data Recorder installed by the chassis manufacturer.</b>	_____ YES / NO
1.01 GVW	7,000 lbs. (min.)	_____ G.V.W.
1.02 Payload	Basic Chassis 2,000 lbs. (min.)	_____ lbs.
1.02 Wheelbase	135" (min.)	_____ "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, 3,500 lbs. (min.)	_____.
1.12 Rear axle	Driving, 4,000 lbs. (min.)	_____.
1.13a Front suspension	3,550 lbs. total (min.) w/H.D. stabilizer bar.	_____.
1.13b Rear suspension	4,000 lbs. total (min.)	_____.

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1.14 Steering	Full power	_____.
1.15 Transmission	H.D. 4 speed automatic w/OD	_____.
1.16a FT. tow hooks	N.A.	_____.
1.20a Tires & wheels	LT 215/75R15 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	Gasoline engine, V6, 3.9 Lt. Disc. (min.)	_____.
1.41 Cooling system	H.D. system protected to -30°F.	_____.
1.42 Fuel system	18 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. 100 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	Enclosed van with right side panel doors W/O windows & rear panel doors W/windows.	_____.
1.51a Interior seating	2 individual front seats upholstered in H.D. vinyl, w/high back (or individual headrests), black or tan. Seat belts 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	_____.

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1.53a Reflector kit	Dot approved triangle kit.	_____.
1.53b Fire extinguisher	10BC (Min.) Cab mounted, secured with a quick 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)	_____.
2.00 Hi-Rail Gear	N.A.	_____.
3.00 Body		
3.01a Right side door	Panel type doors without windows.	_____.
3.01b Rear doors	Panel type doors with windows. Nevlen Model 40 (or equal) wire screen to be installed on interior of door glass.	_____.
3.02 Cargo, cab partition	Adrian Metal Products (or equal), Drivers side solid panel #31, Center panel #M2H hinged door w/plexiglass cover panel, Curbside panel C1 solid panel. Head impact pads, (Required with low back seats),Model 5322 mounted behind each seat.	_____.
	Specify: Make:_____ Model:_____	_____.
3.03 Compartment	Utility compartment module, over drivers side wheel well. Adrian Metal Products (or equal) #46.	_____.



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	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	_____ 1,800lbs.
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	If requested, the vendor is to supply a layout drawing (to scale) to clarify any engineering point, or component placement.	_____.
6.03 Price breakdown (per unit)	Chassis	_____.
	Body	_____.
	Training & misc.	_____.
	Total price	_____.
6.04 Assembly	Point of completed vehicle assembly	_____.
<u>OPTIONS</u>		
OP-1 Strobe light	Warn Model 851 Super Hi-Intensity, or Federal model 34012 (or equal) Color: amber, Mounted on center of cab enclosed in an expanded wire mesh cover. Controlled by a dash mounted switch w/pilot light and labeled.	_____.
	<b>Total Option Price</b>	_____.
OP-2 Slide-down ladder rack	Adjustable overhead ladder rack w/ladder retainers mounted on passenger side, Prime Design rotational rack model HRR-139. Clampdown ladder rack mounted on passenger side, Prime Design model SRC-206 (or equal) To be mounted on full width crossmembers (material rails). Mounting to roof structure to include internal reinforcement plates to prevent fatigue of roof structure, and to be completely waterproofed (or equal).	_____.
	<b>Total Option Price</b>	_____.
OP-3 Ladder rack	Adjustable overhead ladder and material rack. Adrian Metal Products 63-1 double grip-lock rack (or equal).	_____.
	<b>Total Option Price</b>	_____.

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