

Department Supervisor	Sign & Date
Fleet Manager	PM CODE Sign & Date
Tech Services Review	Sign & Date

ATTACHMENT "A"

**October 9, 2024/w/iws
PR No.**

**CITY OF LOS ANGELES
SPECIFICATION**

**Spec No. 249-83
Budget Ref. No. 240261(LAPP)**

VAN, CARGO, HIGH ROOF 11,000 LBS GVWR

NOTICE: Complete all sections of this specification by insertion of "As Specified" or state deviations and exceptions where relevant, if not completed the bid may be considered non-responsive

GVWR: 11000 lbs. (minimum)	Comply: () Deviation:
WHEELBASE: 148 inches minimum	Comply: () Deviation:
ENGINE: Gasoline, 6 cylinder, 213 CID/ 3.5L liter (minimum) 310 (minimum) net SAE J-1349 horsepower @ 0200 RPM 400 (minimum) net SAE J-1349 torque @ 2500 RPM Shall have all standard and specified components	Comply: () Deviation:
EMISSIONS: As required by the SCAQMD (South Coast Air Quality Management District) Rule 1191, all vehicles bids shall be LEV (Low Emission Vehicle) as defined by CARB (California Air Resourced Board). Bid vehicles that are not LEV (minimum) certified shall be excluded from contract award.	Comply: () Deviation:
COOLING: Heaviest increased capacity system available for size of Van offered including heavy-duty fan.	Comply: () Deviation:

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<p>TRANSMISSION: Automatic, 10 speed</p>	<p>Comply: () Deviation:</p>
<p>AXLES: Front: GAWR 4630 pounds (minimum) Rear: GAWR 6835 pounds (minimum)</p> <p>NOTE: The City of Los Angeles will select final gear ratio from manufactures standards and options available.</p>	<p>Comply: () Deviation:</p>
<p>SUSPENSION: Front Springs: Capacity shall equal axle rating less unsprung weight.</p> <p>Rear Springs: Capacity shall equal axle rating less unsprung weight and shall be equipped with auxiliary rear springs.</p> <p>Shock Absorbers: Heavy duty, direct double acting front and rear leaf springs.</p>	<p>Comply: () Deviation:</p>
<p>STEERING: Factory power steering with manufacturers rated capacity at least equal to front axle capacity.</p>	<p>Comply: () Deviation:</p>
<p>BRAKES: Hydraulic, equipped with vacuum brake booster. "Hydro-Boost" brake system is acceptable. Shall have 4-wheel disc brakes and shall be equipped with 4-wheel anti-lock brake system.</p>	<p>Comply: () Deviation:</p>

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<p>WHEELS: Four (6) 16 x 6.5 inch rim, steel disc or equal.</p>	<p>Comply: () Deviation:</p>
<p>TIRES: Six (6) 205/75R16C 111/113 BSW all-season (minimum) tubeless tire, all season tread or equal. Spare Tire: One (1) 205/75R16C 111/113 BSW all-season tubeless tire or equal, all season tread, mounted on a new 16.00 x 6.5 (minimum) steel disc rim, and shall be furnished in stock location. Spare tire shall be of the same brand as those supplied on the vehicle.</p>	<p>Comply: () Deviation:</p>
<p>ELECTRICAL: Shall be 12-volt system, negative ground.</p> <p>Alternator: At least 250-ampere manufacturers rated capacity, with 70-amperes at engine idle RPM.</p> <p>Batteries: Provide two (2) 720 CCA (minimum) batteries. One (1) battery for the engine and one (1) additional auxiliary deep cycle battery (“Optima”) for the accessory electrical components such as work lights and warning lights. Shall be securely mounted in the engine compartment. If space is restrictive in the engine compartment, the auxiliary battery shall be mounted on the curbside in a lockable, well-ventilated battery box, 16-gauge steel, (minimum) in a location approved by the City prior to installation.</p> <p>A factory installed continuous duty solenoid dual charging system shall be provided to charge both batteries simultaneously and to prevent the truck battery from draining into the auxiliary when the auxiliary battery is in use. Crane shall be wired directly to auxiliary battery to allow function with ignition off. Solenoid rating shall be compatible with all electrical components.</p> <p>All non-OEM electrical circuits shall have circuit breaker protection devices.</p>	<p>Comply: () Deviation:</p>

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<p>FUEL TANK: Fuel tank shall have a minimum 31-gallon capacity. Fuel tank shall be full at time of delivery.</p>	<p>Comply: () Deviation:</p>
<p>CAB: (Cargo) Cargo van with two (2) steel doors, and 1 sliding door, seating for at least two (2) people, with retractable seat belts for driver and one (1) passengers. The entry height into cab shall be 18 inch (maximum) If an entry step is added to achieve the 18" height it shall be the entire length of door openings and shall be black in color. Shall be Factory ordered or equal. TUBULAR STEPS ARE NOT ACCEPTABLE.</p>	<p>Comply: () Deviation:</p>

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<p>ADDITIONAL EQUIPMENT:</p> <p>Vehicle shall be equipped with all standard and specified components as listed in factory data books and brochures. If not listed as standard equipment, the following items shall be furnished and installed.</p> <ul style="list-style-type: none"> A. Air cleaner, dry. B. Fresh air heater with integral defroster. C. Sun visors and Arm rests, both sides. D. Factory installed air conditioning. E. Dual windshield wipers, with washers. F. Inside rear view mirror. G. Factory installed mirrors, outside, right and left side. Shall be extendable, dual vision, swing away camper type. Shall provide a field of vision for vehicle to 96 inches wide. H. Bidirectional emergency triangles, "Grote" Kit No. 71422 or equal, installed in cab. I. Front bumper. J. Inside hood latch release. K. Back-up alarm, electric, steam cleanable, "Preco" 45A, or equal. L. Full floor embossed rubber mat. M. Factory installed AM/FM radio with digital clock. N. Factory power equipment package O. High capacity upfitter switches P. Auxiliary Fuse Panel with High Spec interface connector Q. Heavy duty cargo flooring R. Blind Spot Information System with cross traffic alert S. Side sensing system 	<p>Comply: () Deviation:</p>
<p>WIRING:</p> <p>All new wiring, and all wiring that is exposed, shall be installed in flexible non-metallic conduit, with crimped connectors, all properly insulated. All wiring shall be of adequate size to carry designed electrical load without excessive voltage drop. All wiring passing through partitions or bulkheads shall have a rubber grommet at that point for chafe protection. All wiring shall be routed and secured to prevent damage from abrasion and heat. All wiring shall be color or number coded. Color or number coding shall be continuous throughout circuit, from beginning to end. All electrical circuits shall have circuit breaker protection devices.</p> <p>NO SCOTCH LOCKS WILL BE ACCEPTED</p>	<p>Comply: () Deviation:</p>

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<p>WELDING: Welding fillets shall have good penetration, good fusion, good appearance, and shall show no cracks or undercutting.</p>	<p>Comply: () Deviation:</p>
<p>WORKMANSHIP: All workmanship, welding, and construction is to be in the best manner of the trade. Shall be subject to inspection and approval by Fleet Services.</p>	<p>Comply: () Deviation:</p>
<p>PAINTING REQUIREMENTS: All unwelded seams shall be sealed flush, with automotive body caulking compound. All metal work shall be thoroughly cleaned of welding flux, rust, mill scale, dirt, and grease. Shall then be washed with a metal preparation to provide a good etched surface for paint adherence. At least one (1) coat of primer shall be applied throughout, spot puttied where required, and sanded to a smooth surface. A fog coat and one (1) finish coat shall be applied with sufficient drying time between coats to produce a good finish, free of runs. All paint work shall be sprayed.</p> <p>COLOR: Body, body interior, hood, fenders, body, body interior, and all grill work not chromed shall be painted Oxford white. Interior trim and seat color shall be factory recommended colors.</p>	<p>Comply: () Deviation:</p>
<p>SPECIAL REQUIREMENTS: Noise Emissions:</p> <p>A. Interior Noise: Shall comply with the Occupational Safety and Health Act (OSHA) sound level (dbA) requirement in effect at time of award of contract, for an eight (8) hour maximum operator exposure time, measured at operator's ear with engine at governed RPM.</p> <p>B. Exterior Noise: Shall comply with California Vehicle Code Noise Standards, Section 27160.</p>	<p>Comply: () Deviation:</p>

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<p>SERVICE/OPERATORS MANUALS, PARTS BOOKS:</p> <p>For each equipment purchase order there shall be provided:</p> <p>One (1) Technical Service Manual Set.</p> <p>One (1) Maintenance Manual Set for the vehicle and all major equipment items including emissions.</p> <p>One (1) Printed Parts Book Set.</p> <p>For each unit delivered there shall be provided:</p> <p>One (1) Operators Manual.</p> <p>One (1) Line Set Invoice.</p> <p>One (1) Certified Weight Ticket; Front, Rear and Total.</p> <p>Five (5) Key Sets.</p> <p>The above specified manual, books and other items are to be included in the equipment purchase price.</p>	<p>Comply: () Deviation:</p>
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