

Bid for Trash Refuse Truck
INSTRUCTIONS TO BIDDERS

1. All bids must be submitted to the Director of Finance by the noted deadline of November 2, 2023 at 2 P.M. MST to be considered. Any bids received after the deadline will be returned unopened.
2. The City reserves the right to accept or reject any or all bids and to award this bid in the manner the City deems in its best interest.
3. All bids shall be submitted in a sealed envelope marked "Trash Refuse Truck" as per the example below. Any bid delivered by mail shall be enclosed in a separate envelope to ensure the sealed bid. The sealed bid envelope shall have the following information affixed to it:
 - A. CITY OF STERLING
DIRECTOR OF FINANCE
P.O. BOX 4000
STERLING COLORADO, 80751-0400
 - B. SENDER'S NAME and RETURN ADDRESS
In upper left hand corner
 - C. "SEALED BID"
"Trash Refuse Truck"
Bids Due: 2023 MST
Time of Opening: 2:00 P.M.
In the lower left hand corner
4. The City reserves the right to waive any irregularities or informalities in bids or bidding procedures.
5. Any bid may be withdrawn up to twenty-four (24) hours prior to the expiration of the deadline for submitting bids. All bids shall be valid for (45) days after the bid opening.
6. The award of this bid shall be conducted by purchase order. The purchase order shall be void in the stated delivery time plus thirty (30) days.
7. It is understood by the bidder that the City is interested only in purchasing 2023 model year equipment or newer, which meets all OSHA and ANSI safety guidelines and shall include manufacturer's literature for operation and maintenance.

8. All bids shall include the delivery time.
9. Delivery to be F.O.B. City of Sterling Service Center, 103 Sugar Mill Road, Sterling, CO., 80751.
10. Bidders must note exceptions to the specifications. In the event a bidder bids with an exception, the City will add or subtract a reasonable cost to cover the exception.

Note: The Colorado Antitrust Act of 1996, 6-4-101 et seq., C.R.S. effective July 1, 1992, prevents "bid-rigging," which is intended to have the broadest possible definition, including any agreements among competitors to fix prices, allocate customers or territories, submit complimentary bids or any other method of manipulating the competitive bidding process, a violation of which is subject to civil penalties up to \$100,000, or actual or treble damages, cost, expert witness fees and attorney's fees; and/or criminal penalty (class 5 felony) of up to \$100,000 in criminal fines and four years imprisonment, or both

City of Sterling		
Refuse Truck Specifications Checklist		
<p>This specification describes a truck mounted, hydraulic refuse packer. The machine must be equipped with an automated loading mechanism on the curb side of the material receiving hopper near the front of the body. The body must be designed so the optimum load distribution can be achieved when installed on a 26,000 GVW truck cab and chassis. Body installation shall not require modification to a standard truck chassis forward of the rear suspension. No drop frame, this body must be gravity dump unload.</p>		
Specification available	Yes	NO
I. BODY		
The body shall have a useable capacity of at least 15 cubic yards including the tailgate.		
Body length is at least 204", including tailgate		
Overall height above chassis at least 103", lift mechanism in down position.		
Overall height above chassis MUST NOT EXCEED 110", mechanism in full up position.		
Overall width at least 96" with arm in parked position.		
CONSTRUCTION		
The body floor shall be constructed of at minimum 4mm 450 steel plate.		
The body floor shall have at minimum 6" x 10.5 lbs. /ft. structural channel long-members.		
Body sides shall have at minimum 12 gauge, 50,000 P.S.I. steel sheet.		
Body roof shall have at minimum 12 gauge, 50,000 P.S.I. steel sheet.		
All external welds shall be continuous.		
II. TAILGATE		
CAPACITY		
The tailgate shall have a useable capacity of at least 4.8 cubic yards.		
CONSTRUCTION		
Body tailgate shall be top hinged with heavy duty hinges and tapered-pin plunger style locks. Lock pins must have grease fittings accessible from ground level outside the body.		

Tailgate equipped with a flow control device to assure smooth, even operation.		
Tailgate to be constructed from at minimum 12 gauge steel sheet and framed with formed steel channel.		
Gate shall have a seal across the bottom and at least 12" up each side to control liquid leakage.		
OPERATION		
The tailgate shall be raised and lowered with two 2 1/2 bore x 28" stroke double acting hydraulic cylinders.		
All tailgate controls shall be located inside the truck cab within easy reach of the operator's position. Controls shall be electric/hydraulic/air and spring returned to the neutral position.		
Tailgate to lock and release hydraulically through the use of positive acting, tapered rod, and plunger locks.		
Tailgate ajar and lock status warning light and alarm in truck cab.		
Safety prop for tailgate.		
All external welds shall be continuous.		
III. PACKER HOPPER		
FUNCTION		
The receiving hopper shall have at least 3.8 cubic yards of capacity and act as a receiving chamber for materials dumped.		
CONSTRUCTION		
Hopper floor to be minimum 4mm 450 steel plate.		
Hopper side walls to be minimum 4mm 450 steel plate.		
All welds in areas that may be damaged by abrasive material must be hard surfaced with composite over weld.		
Hopper must have access ladder on curb side and entry area must have O.H.S.A compliant ladder and system kill switch.		
IV. COMPACTOR		
FUNCTION		
Compactor is to move material dumped by arm from hopper into body chamber and compress loaded material to an extent that the vehicle is loaded to capacity.		
OPERATION		
Compactor to be powered by one 5" bore x 60" stroke, single section, dual acting hydraulic cylinder.		
Packer cycle shall be minimum 20 seconds @ 1200 RPM		
When fully extended, compactor must penetrate the body by 18" minimum.		
Compactor shall displace 1.9 cubic yards/cycle minimum.		
Compactor will have on demand controls with both Auto and Manual Pack selector console mounted in cab and convenient from both sides.		
Compactor stroke shall be automatically reversible through the use of switches.		
Unit to be equipped with near loaded warning alarm.		
CONSTRUCTION		
Compactor to be guide by a floor mounted track beam.		

Both track beam and compactor guide shoes are to be 450 steel plate.		
The compactor is to be constructed of steel sections and fully tested.		
V. AUTOMATED LOADING ARM		
FUNCTION		
Loading arm shall be mounted on the curb side of the loading hopper. No part of the loading arm shall be mounted underneath the chassis frame, inside the hopper, or in front of the body. No off set designs.		
Arm must have the ability to pick up containers, dump and return without need to extend.		
Lift must move vertically for the first 35" minimum before tipping.		
Arm must have horizontal extension of at least 60".		
Lift motion to be operated by one 2" bore x 35" stroke hydraulic cylinder.		
Tilt/dump to be operated by one 3" bore x 12 3/8" stroke hydraulic cylinder with cushion in rod end.		
Lift cycle time shall be at least 7 seconds at engine idle.		
Lifted container shall not arc outboard more than 20" during cycle.		
Lift must stow within legal width with lift in down/grab open position.		
Dump cycle will not exceed 13 feet from ground at its highest point.		
Dump angle in fully up position will be 50 degrees minimum.		
Lift vertical motion will be track guided by replaceable wear shoes.		
Lift cycle will be smooth, non-binding, and non-violent		
Lift load capacity will be at least 1,000 lbs.		
Lift horizontal movement will be track guided and replaceable without track or lift disassembly.		
Grabbers to be capable of handling containers ranging in size from 48 gallons to 100 gallons.		
Grab pressure to be adjustable.		
CONSTRUCTION		
Loading lifting arms to be constructed of high tensile steel plate.		
All tilt mechanism connecting pins be at least 1.25" diameter with self-aligning bearings and grease fittings.		
Lift to have a top rotator shaft that lifts grab mechanism through its motion.		
Top shaft to be retained by replaceable split bearings and grade 8 bolts.		
Lift arm rotator cam to have bearings rotating on a 3" diameter shaft.		
Cylinder pivots for grab, in/out as well as up/down to be backed self-aligning bearings installed with 1" grade 8 bolts.		
Grab pivots with chromed steel pins		
Grab cylinders (2) will be 2" bore x 6" stroke.		
In/out cylinders to be 2" bore x 60" stroke with bumper.		
Up/down cylinder to be 2" bore x 35" stroke.		
Tilt cylinder to be 3" bore x 12 3/8" stroke.		
CONTROLS		
Outside controls to be located in the chassis cab and convenient for operator access from the ground.		

In cab control to be a joystick or rocker switch mounted in cab. They shall control in/out, up/down, dump and grab functions.		
Lift functions must operate without the need for computer, PLC, proximity or relay.		
Body payload to be offloaded by hydraulic power.		
Hoist cylinder to be at least 120 stroke with 3 stages.		
Dump angle 45 degrees minimum		
Controls mounted to in cab drivers location.		
Body must be equipped with safety prop for service access.		
VI. HYDRAULICS		
PUMP		
Body and lift functions powered by a tandem section gear pump at least 36 G.P.M. @ 800 R.P.M. Pump powered by a mounted take off. Each section automatically unload to tank when factory flow settings are exceeded.		
BODY VALVE CONTROLS		
The body main valve set at least 2500 P.S.I. The valve with two control sections to act as directional control for the packer and to control the body hoist. Valve to be electric/air/hydraulic controlled by relays.		
The valve assembly that controls all other lift and body functions with relief set @ 2500 P.S.I. Valve spool to be pneumatic.		
HYDRAULIC RESERVOIR		
The body equipped with a street side frame mounted hydraulic reservoir with a 60 gallon capacity minimum. Equipped with fill cap, breather, fluid level indicator, and temperature gauge.		
FILTRATION AND SERVICE		
Oil routed through at least a 10 micron return line filter, installed at or near front of the reservoir and properly sized so that 100% of the flow is filtered. Filter located so service can be performed at ground level.		
In-line shutoff.		
Suction strainer, at least 100 mesh.		
PLUMBING		
Plumbing not requiring flexibility to be seamless steel hydraulic tubing.		
Plumbing requiring hoses routed in a way to prevent rubbing, chafing and undue bending.		
VII. IN CAB CONTROLS		
Hydraulic system on/off switch.		
Body tailgate control.		
Body dump control.		
Work light and strobe light switches.		
Lift joystick/Rocker switches.		
Packer override switch.		
VIII. LIGHTS		
Standard lights will be supplied in accordance with FMVSS#108.		

All body lights LED with series 50 wiring harness.		
Automated lift working area adjustable work lights.		
IX. ACCESSORIES		
Federal under ride bumper to be installed.		
Tailgate safety prop provided.		
Tailgate ajar and tailgate unlock alarm to be provided.		
Back up alarm to be provided.		
Hopper to have access door for cleaning behind packer, doors to be sealed when closed.		
Equipped with a triple camera system located to show inside hopper, lifting zone and behind vehicle.		
X. PAINTING PROCEDURES		
The body and lift to be free of all weld slag, dirt and grease and be prepared prior to painting in accordance to specifications.		
Body and loading mechanism receive at least one coat of primer and one finish coat.		
XI. WARRANTY		
A minimum one year warranty against manufacturing defects provided by the manufacturer.		
Body manufacturer equipped to provide onsite service if needed.		
Sufficient onsite training for both operators and mechanics conducted when unit is delivered.		
Body manufactured in the U.S.A.		
TRUCK SPECIFICATIONS		
M2 PRL-27M PRICE LEVEL or equivalent		
I. VEHICLE CONFIGURATION		
M2 106 PLUS CONVENTIONAL CHASSIS or equivalent		
2023 MODEL YEAR OR NEWER		
Set back axle- truck		
Straight truck provision, non-towing		
Dual Steering location		
II. GENERAL SERVICE		
Truck configuration		
Refuse service		
Sanitation business segment		
Dry bulk commodity		
Terrain/duty: in transit on paved and dirt roads		
Maximum 8% expected grade		
Smooth concrete or asphalt pavement		
Medium truck warranty		
Recycling body		
III. ENGINE		

CUM L9 360 HP @ 2200 RPM, 2200 GOV RPM, 1150 LB-FT @ 1200 RPM, REFUSE or equivalent		
EPA/CARB/GHG21 configuration		
Carb emission certification- clean idle		
Standard oil pan		
Engine mounted oil check and fill		
Side of hood air intake with firewall mounted air cleaner		
12V 160 amp 28-SI quadramount pad alternator with remote battery volt sense		
2 DTNA genuine, flooded starting, min 2000CCA, 370RC, threaded stud batteries or equivalent		
Battery box frame mounted		
Standard battery jumpers		
LH battery box mounted as far aft as possible, no greater than 60" back of cab		
Wire ground return for battery cables with additional frame ground return		
Non-polished battery box cover		
Positive and negative posts for jumpstart located on frame next to starter		
Progressive low voltage disconnect at 12.3 volts for designated circuits		
Cummins turbocharged 18.7 CFM air compressor with internal safety valve or equivalent		
Standard mechanical air compressor governor		
Air compressor discharge line		
Electronic engine integral shutdown protection system		
C-brake with low/off/high braking dash switch		
RH inboard frame mounted horizontal after treatment system assembly with horizontal tailpipe		
Engine after treatment device, automatic over the road active regeneration and virtual regeneration request switch in cluster and dash mounted inhibit switch		
Standard exhaust system length		
RH standard horizontal tailpipe		
At least 6 gallon diesel exhaust fluid tank		
100% diesel exhaust fluid fill		
Medium duty standard diesel exhaust fluid tank location		
Standard diesel exhaust fluid pump mounting		
Standard diesel exhaust fluid tank with cap		
Air powered on/off engine fan clutch		
Automatic fan control without dash switch, non-engine mounted		
Cummins spin on fuel filter or equivalent		
Combination full flow/bybass oil filter		
1100 square inch aluminum radiator		
Antifreeze to -34F, OAT(nitrite and silicate free) extended life coolant		
Gates blue stripe coolant hoses or equivalent		
Constant tension hose clamps for coolant hoses		
Radiator drain valve		
Lower Radiator guard		

1000 watt/115 volt block heater		
Plastic engine heater receptacle mounted under door		
Aluminum flywheel housing		
Electric grid air intake warmer		
12v 38MT HD Starter with integrated magnetic switch		
IV. ELECTRONIC PARAMETERS		
PTO mode engine RPM limit- 1500 RPM		
PTO mode brake override- service brake applied		
PTO RPM with cruise set switch- 900 RPM		
PTO mode cancel vehicle speed- 5 MPH		
PTO governor ramp rate- at least 250 RPM per second		
One remote PTO speed		
PTO speed 1 setting- at least 700 RPM		
Engine brake with cruise control enabled at 2 MPH above set speed, 2 MPH increment between braking levels		
Regen inhibit speed threshold- 5 MPH		
PTO 1, dash switch, stationary operation		
V. TRANSMISSION		
Allison 3000 RDS Automatic transmission with PTO provision or equivalent		
Allison vocational package 170 or equivalent		
Allison vocational rating for refuse applications or equivalent		
Primary mode gears, lowest gear 1, start gear 1, highest gear 6		
Secondary mode gears, lowest gear 1, start gear 1, highest gear 6		
Primary shift speed recommended by DTNA and Allison or equivalent		
Secondary shift speed recommended by DTNA and Allison or equivalent		
Engine brake range preselect recommended by DTNS and Allison or equivalent		
Engine brake range alternate preselect recommended by DTNS and Allison or equivalent		
Fuel sense 2.0 disabled- performance- table based		
Driver switch input-default- non switches		
Directions change enabled with multiplexed service brakes- Allison 5th gen or equivalent		
Quick fit body lighting connector under cab with cap		
Electronic transmission wiring to customer interface connector		
Customer installed Chelsea 280 series PTO or equivalent		
PTO mounting, LH side of main transmission		
Magnetic plugs, engine drain, transmission drain, axle(s) fill and drain		
Push button electronic shift control, dash mounted		
Transmission prognostics- enabled		
Water to oil transmission cooler, in radiator end tank		
Transmission oil check and fill with electronic oil level check		
Synthetic transmission fluid		
VI. FRONT AXLE AND EQUIPMENT		

Detroit DA-F- 16.0-5 16,000# FL1 71.0 KPI/3.74 drop single front axle or equivalent		
Meritor 16.5x6 Q+ cast spider cam front brackets, double anchor, fabricated shoes or equivalent		
Non-asbestos front brake lining		
Cast iron outboard front brake drums		
Front break dust shields		
Front oil seals		
Vented front hub caps with window, center and side plugs- oil		
Standard spindle nuts for all axles		
Meritor Automatic front slack adjusters or equivalent		
TRW TAS-85 power steering or equivalent		
Power steering pump		
2 Quart see through power steering reservoir		
Oil/Air Power steering cooler		
Current available synthetic 75W-90 Front axle lube		
16,000# taper leaf front suspension		
Maintenance free rubber bushings- front suspension		
Front shock absorbers		
VII. REAR AXLE AND EQUIPMENT		
MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE		
6.14 Rear axle ratio		
Iron rear axle carrier with optional heavy duty axle housing		
MXL 17T Meritor extended lube main driveline with half round yokes or equivalent		
MXL 17T Meritor extended lube interaxle driveline with half round yokes or equivalent		
Driver controlled traction differential- both tandem rear axles		
(1) Interaxle lock valve, (1) Driver controlled differential lock forward-rear and rear-rear axle valve		
Indicator light for each interaxle lockout switch, disengage interaxle lock with ignition off		
Meritor 16.5x8.62 Q+ cast spider cam rear brakes, double anchor, fabricated shoes or equivalent		
Non-asbestos rear brake lining		
Standard brake chamber location		
Cast iron outboard rear brake drums		
Rear brake dust shields		
Rear oil seals		
Wabco tristop-d long stroke 30/36 2-drive axle spring parking chambers or equivalent		
Haldex automatic rear slack adjusters or equivalent		
Current available synthetic 75W-90 rear axle lube		
Hendrickson haulmaax ex 46,000# rear suspension or equivalent		
Hendrickson haulmaax/ultimaax- 9.50" ride height or equivalent		

At least 54" axle spacing		
Hendrickson HH, haulmax and ultimaax series steel beams with bar pin or equivalent		
Fore/aft and transverse control rods		
Double rebound strap- inboard and outboard		
Rear shock absorbers- two axles (tandem)		
VIII. BRAKE SYSTEM		
Air brake package		
Wabco 4S/4M ABS or equivalent		
Reinforced nylon, fabric braid and wire braid chassis air lines		
Fiber braid parking brake hose		
Standard brake system valves		
Standard air system pressure protection system		
STD U.S. front brake valve		
Relay valve with 5-8 PSI crack pressure, no rear proportioning valve		
BW AD-9 brake line air dryer with heater		
Air dryer mounted inboard on LH rail		
Steel air tanks mounted aft inside and /or below frame just forward of rear suspension		
BW DV-2 auto drain valve with heater- wet tank, petcocks all others		
Quick fit programmable solenoid w/ state retention plumbed to back of cab		
IX. WHEELBASE AND FRAME		
6400mm(252") Wheel base		
1 1/32x3-1/2x10-15/16 inch steel frame(8.73MMx277.8MM/0.344x10.94inch) 120KSI		
1/4 inch(6.35MM) C-channel inner frame reinforcement		
2450MM(96") rear frame overhang		
Frame overhang range: 91" to 100"		
Calc'd back of cab to rear susp c/l at least 186.42"		
Calc'd effective back of cab to rear suspension c/l: 186.42"		
Calc'd frame length at least 377.86"		
Calc'd frame space LH side at least 101.87"		
Calc'd frame space RH side at least 97.89		
Square end of frame		
Front closing cross member		
Lightweight heavy duty aluminum engine cross member		
Standard cross member back of transmission		
Standard midship #1 cross member		
Standard rearmost cross member		
Standard suspension cross member		
X. CHASSIS EQUIPMENT		
Three-piece 14" painted steel bumper with collapsible ends		
Front tow hooks- frame mounted		

Bumper mounting for single license plate		
Betts B-25 painted mudflap brackets or equivalent		
Black mudflaps		
Fender and front of hood mounted front mudflaps		
Grade 8 threaded hex headed frame fasteners		
Exterior harnesses wrapped in abrasion tape		
Clear from rails(except air dryer)outboard both rails back of cab to rear suspension		
XI. FUEL TANKS		
70 Gallon/264 liter aluminum fuel tank minimum		
23" diameter fuel tank(s)		
Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands		
Fuel tank(s) forward		
30 Gallon additional fuel		
Plain step finish		
Fuel tank cap(s)		
Detroit fuel/water separator with water in fuel sensor, hand primer and 12 volt preheater or equivalent		
Equiflo inboard fuel system or equivalent		
High temperature reinforced nylon fuel line		
Fuel cooler mounted left hand in rail.		
XII. TIRES		
Michelin X works Z 315/80R22.5 20 PLY radial front and rear tires or equivalent		
XIII. HUBS		
Conmet preset plus premium iron front and rear hubs or equivalent		
XIV. WHEELS		
Maxion wheels 10041 22.5x9.00 10-hub pilot inset 5-hand steel disc front wheels or equivalent		
Maxion wheels 10047 22.5x9.00 10-hub pilot inset 5-hand steel disc rear wheels or equivalent		
Front and rear wheel mounting nuts		
XV. CAB EXTERIOR		
106" BBC flat roof aluminum conventional cab		
Air cab mounting		
LH and RH grab handles		
Mold-in color grille		
Mold-in color hood mounted air intake grille		
Fiber glass hood		
Single 14" round polished air horn roof mounted		
Single electric horn		
Single horn shield		
Rear License plate mount end of frame		
Integral headlight/marker assembly		

LED aerodynamic marker lights		
Integral stop/tail/backup lights		
Standard front turn signal lamps		
Dual west coast bright finish heated mirrors or equivalent		
Door mounted mirrors		
102" Equipment width minimum		
LH and RH 8" bright finis convex mirrors mounted under primary mirrors		
LH and RH 8" stainless steel fender mounted convex mirrors with tripod brackets		
Standard side/rear reflectors		
63"x14" tinted rear window		
Tinted door glass LH and RH with tinted non-operating wing windows		
Manual door window regulators		
1-piece solar green glass windshield		
2 gallon windshield washer reservoir with fluid level indicator, frame mounted		
XVI. CAB INTERIOR		
Professional trim package		
Mist and carbon cloth interior or equivalent		
Carbon with base black accent		
Molded plastic door panel		
Floor mats with single insulation		
Forward roof mounted console		
LH and RH kick plates		
Digital alarm clock in driver display		
(2) Cup holders LH and RH dash		
MS/SD Dash		
5 lb. Fire extinguisher		
Heater, defroster and air conditioning		
Standard HVAC ducting		
Main HVAC controls with recirculation switch		
Standard heater plumbing with ball shutoff valves at supply lines only		
Valeo heavy duty A/C refrigerant compressor or equivalent		
Binary control, R-134A		
Standard insulation		
Solid-state circuit protection and fuses		
12V negative ground electrical system		
Standard LED cab lighting		
Door locks and ignition switch keyed the same		
Keys(2)		
Cab door latches with manual door locks		
Triangular reflectors without flares		
Basic Isringhausen high back air suspension drivers and passengers seats with mechanical lumbar and integrated cushion extension or equivalent		
LH and RH integral door panel armrests		

Vinyl with vinyl insert driver and passenger seats		
High visibility orange seat belts or equivalent		
Adjustable tilt and telescoping steering column		
4-spoke 18"(450MM) black steering wheel with switches or equivalent		
Driver and passenger interior sun visors		
XVII. INSTRUMENTS AND CONTROLS		
Digital panel lamp dimmer switch in driver display		
No instrument panel- Driver		
Configurable lower panel with integrated upper storage		
Engine remote interface with park brake and neutral interlocks		
Black gauge bezels		
Low air pressure indicator light and audible alarm		
Dual needle primary and secondary air pressure gauge		
Intake mounted air restriction indicator without graduations		
Electronic cruise control with controls on steering wheel spokes		
Key operated ignition switch and integral start position; 4 positions off/run/start/accessory		
Manual remote engine stop/start		
Premium instrument cluster with 5.0 Inch TFT color display		
Heavy duty onboard diagnostics interface connector located below LH dash		
2" electrical fuel gauge		
Engine remote interface with one or more set speeds		
Quickfit powertrain interface connector under cab with caps		
Quickfit programmable interface connectors under cab with caps		
Engine remote interface connector at powertrain interface connector		
Electrical engine coolant temperature gauge		
2" transmission oil temperature gauge		
Electronic outside temperature sensor display in driver message center		
Engine and trip hour meters integral within driver display		
PTO controls for enhanced vehicle electric/electronic architecture		
Electric engine oil pressure gauge		
Center overhead instrument panel blank		
Quickfit programmable interface module		
Top of dash ram mount without power or ground, for customer furnished device		
AM/FM/WB world turner radio with Auxiliary input or equivalent		
Dash mounted radio		
(2) Radio speakers in cab		
AM/FM Antenna mounted on forward LH roof		
Standard radio wiring with steering wheel controls		
Electronic 3000 RPM tachometer		
Electronic MPH speedometer with secondary KPH scale, without odometer		
Standard vehicle speed sensor		
Detroit connect platform hardware or equivalent		

3 years Daimler connectivity base package powered by Detroit connect or equivalent		
TMC RP1226 accessory connector located behind passenger side removable dash panel		
Ignition switch controlled engine stop		
(2) overhead mounted lanyard controls: (1) officer air horn and (1) driver air horn		
Work brake with return to gear, auto neutral, for drive axle service brakes		
Digital voltage display integral with driver display		
Single electric windshield wiper motor with delay		
Rotary headlamp switch, marker lights/headlights switch with pull out for optional fog/road lamps		
One valve parking brake system with dash valve control auto neutral and warning indicator		
Self-canceling turn signal switch with dimmer, headlamp flash, wash/wipe/intermittent		
Integral electronic turn signal flasher with 40 AMP(20 AMP per side) trailer lamp capacity		
XVIII. DESIGN		
Paint: one solid color		
Cab color A: L0006EY white elite or equivalent		
Black, high solids polyurethane chassis paint		
Powder white (N0006EA) front and rear wheels/rims (PKWHT21, TKWHT21, W,TW) or equivalent		
Bumper paint: FP24812 argent silver DuPont flex or equivalent		
Standard E coat/undercoating		
XIV. CERTIFICATION/COMPLIANCE		
U.S. FMVSS Certification, except sales cabs and glider kits		
XX. EXTENDED WARRANTY		
Towing: 1 year/unlimited miles/KM extended towing coverage \$750 cap flex applies		

The Bidder hereby certifies that the only persons or parties interested in this proposal are those named herein, and that no other Bidder or prospective Bidder had been given any information concerning this Proposal. Furthermore the Bidder hereby certifies not to have solicited or induced any person, firm, or corporation to refrain from bidding and that the Bidder has not sought by collusion to obtain for its self any advantage over any other Bidder or over the City

In submitting this Proposal, it is understood that the right is reserved by the City to reject any or all proposals, and to waive the informalities and irregularities in Proposals received, and to accept that proposal which in its judgment best serves the interest of the City.

TOTAT DELIVERED BID PRICE _____

EXPECTED DELIVERY TIME FROM DATE OF ORDER _____

ATTEST:

BIDDER:

SECRETARY (SEAL)

COMPANY NAME

BY (AUTHORIZED SIGNATURE)

-OR-

TITLE

WITNESS MY HAND AND OFFICIAL SEAL

MY COMMISSION EXPIRES; _____

ADDRESS

CITY/STATE/ZIP

NOTARY PUBLIC