



City of Lompoc

INVITATION TO BID NO. 2622

Three Truck "Cab & Chassis"

Date: May 20, 2011

The City of Lompoc is currently soliciting bids for: **Three Truck "Cab & Chassis"**. Bids must be received by **2:00 pm, June 9, 2011**

BIDS MUST BE DELIVERED TO: City of Lompoc
Purchasing Division
1300 West Laurel Ave.
Lompoc, Ca 93436

In order to be sure that you are listed as an "Registered Bidder" and advised of any changes please complete and fax to this office the "Registered Bidder Information Sheet" today before you prepare and send your bid. Not returning the Registered Bidder Information Sheet may be a reason for disqualification.

It is the responsibility of the bidder/proposer to see that any bid/proposal submitted shall have sufficient time to be received by the Purchasing Office prior to bid/proposal opening time. **Late bid/proposal will be returned to the bidder/proposer unopened.** The receiving time in the Purchasing Office will be the governing time for acceptability of bid/proposals. Bid/proposals will not be accepted by telephone or facsimile machine. All bid/proposals must bear original signatures and figures. Bids will not be accepted by telephone or facsimile machine.

Ray Ambler
Purchasing and Materials Manager

**Three Trucks "Cab and Chassis"
Specification No. 11-004**

1.0 SCOPE AND INTRODUCTION:

The following minimum specifications are intended to describe three (3) truck cab and chassis to be used for various City end applications. The cab and chassis shall be ready for integration to accept various used city bodies for installation with minimum disruption in the preparation process and to be made ready for service. The unit proposed shall be a new unused current production year model and will have all standard equipment shown in the manufacturer's printed literature unless a specific and installed option makes the standard equipment unnecessary.

The units as proposed and built will conform to all applicable state, federal and local regulations in effect at the time of delivery.

If any of the equipment proposed deviates from the specifications, such variation(s) must be listed in writing and attached as part of the proposal. If variation(s) list is not complete or if the information furnished does not substantiate that the proposal requirements are met, this will be cause for proposal rejection.

The unit shall be delivered to the City of Lompoc complete and ready for service.

The cab and chassis trucks offered shall comply with the California Air Resources Board (ARB) definition of the Best Available Control Technology (BACT) for reducing diesel toxic particulate matter (PM) by providing certified engine(s) 2010 model year standard using advanced EGR emissions technology for the new trucks.

Each bidder shall show all warranties and any cost associated with servicing said warranties. Coverage shall be shown for the complete unit, basic truck cab and chassis with associated assemblies, installed equipment, and accessories.

Delivery schedule is of paramount importance and may influence bid award.

2.0 GENERAL REQUIREMENTS:

- 2.1 The chassis engine shall power all components of the machine. The use of additional engine(s) shall not be acceptable and be considered non-responsive due to increased costs of maintenance and fuel.
- 2.2 Manufacturing, materials, and design practices. It is intended that the manufacturer in the selection of components will use material and design practices that are the best available in the industry for the type of operating conditions to which the unit(s) will be subjected. Engine, suspension, wheels, tires and other component parts shall be selected to give maximum requirements of this specification. All parts, equipment and accessories shall conform in

strength, quality of material and workmanship to recognized industry standards.

- 2.3 Manufacturer's specification. Complete specifications, published literature and photos or illustrations of unit proposed shall be furnished with proposal. Only new models in current production which are catalogued by the manufacturer and for which printed literature and specifications are available will be accepted.
- 2.4 Manufacturer's standard equipment. All equipment and components listed as standard by the manufacturer for model proposed. Shall be furnished whether or not such items are detailed herein, e.g., special wrenches, tool kits, jacks – adequate to safely lift the vehicle when loaded to rated capacity, etc. Optional equipment as necessary to meet the following requirements of this specification shall also be supplied.

Specifications on the following pages are written with intent to meet all applicable documents but the final certification to comply shall rest with the vendor and not the City of Lompoc. Should requirements as specified not comply, the manufacturer is required to refigure and revise the specifications to meet all laws, rules and regulations where it applies to items such as the ratings of axles, tires, wheels, brakes, batteries, cooling capacity, etc., and the City of Lompoc is to be notified thereof.

Purchaser will not accept any part, component or system, which is not an established standard product of the proposing manufacturer. By this is meant that any item or assembly which, relative to the supplying manufacturer's standard line of products, could be described as "first of its kind", "experimental", "only one of its kind to be built", "especially modified to comply with this specification", "prototype", or synonymous categoric descriptions, shall not be acceptable. All parts and components of the system offered and delivered must conform to the manufacturer's standard production or be off-shelf available as a standard hardware production item.

- 2.5 Manuals and Software. Furnish two (2) complete sets of operation, parts, maintenance, and repair manuals including electrical schematics for cab and chassis. This shall include diagnostic manuals and software interface with the cab, chassis, and engine diagnostics and shall be compatible for use with the laptop computer.
- 2.6 Training. The successful contractor shall provide a qualified, factory-authorized service representative to give instructions to the operators and maintenance personnel to assure correct operation of the machines after the vehicle has been readied for service by City personnel. Duration of training shall be determined by City of Lompoc representative.
- 2.7 Hose and wiring routing. All hoses, wires and pipes shall be routed to be clear of all heat sources and shall be routed, secured otherwise protected from any present or potential source of snags, abrasions or sharp edges.

- 2.8 Control labeling. All operator controls shall be clearly labeled as to function and operational position(s).
- 2.9 License. The original dealer's Report of Sale along with a Certified Weight certificate and California DMV REG 397 shall be furnished to the consignee at time of delivery of the vehicle(s) before payment can be made.
- 2.10 Pre-delivery inspection. At the Vendor's expense; shall provide travel, separate lodging, and meals for two (2) City Representatives for the purpose of pre-delivery inspection at the manufacturing site. The pre-delivery inspections shall be accomplished when the unit(s) are more than 80% (percent) complete.
- 2.11 Warranty. The unit shall have a minimum of one (1) year warranty against defects in materials and workmanship. The warranty shall cover both parts and labor and begin at the in-service date, not delivery date. Any extended warranty packages offered for the cab & chassis and body assembly shall be provided.
- 2.12 Rechargeable fire extinguisher with metal valves (not plastic) and bracket, 5 LB., ABC day chemical located readily accessible to driver. Note: Fire extinguisher must have current certification tag attached.
- 2.13 Backup indicator, an audible device, which can be heard above 107 dba of background noise when transmission is placed in reverse gear. The truck will be equipped with one strobe beacon on the top rear of the packer body tailgate.
- 2.14 A triangle flare kit (Ref. Grote 71422) with mounting bracket located out of the way but readily accessible by driver.
- 2.15 Before delivery to the City of Lompoc and before acceptance by the City – all spring "U" bolts, etc., shall be re-torqued to factory specification by hand using torque wrench. (Impact wrench – not acceptable).
- 2.16 Applicable documents and certifications:
- 2.17
Federal Motor Vehicle Safety Standard, Department of Transportation.
State of California Motor Vehicle Code.
State of California General Industrial Safety Orders
State of California Health and Safety Code, Motor Vehicle Pollution Control.
California Occupational Safety and Health Act (O.S.H.A.) and the E.P.A.
Society of Automotive Engineering Standards.
American Society of Mechanical Engineers (A.S.M.E.).
American National Standards Institute (A.N.S.I.)
California Air Resources Board (ARB) engine particulate matter compliance
- 2.18 Quantities (additional) The quantity is based upon current known requirements and is subject to increase at the same terms and conditions if mutually agreeable

to both parties.

3.0 TECHNICAL REQUIREMENTS:

3.1 The City has in inventory 3-each International Trucks with different service bodies. The cab and chassis of these three trucks are scheduled for replacement. The bodies on these trucks will be refurbished/repainted and placed on new unused International Trucks, Model 7600, Cab and Chassis.

3.2 **Water Tank Truck**, GVWR: 58000; Calc. GVWR: 54000; Calc. Start / Grade Ability: 24.30% / 2.92% @ 55 MPH; Calc. Geared Speed: 64.6 MPH

- Fuel Economy: 6.41 MPG @ 55 MPH
- Dimension: Wheelbase: 209.00; C/A: 141.90; Axle to Frame: 75.00
- Clutch: Omit Item (Clutch & Control)
- Axle, Front Non-Driving: (Meritor MFS-14-143A) Wide Track, I-Beam type. 14,000-lb capacity
- Axle, Rear Tandem:: (Meritor MT-40-14X-4DER-P) single reduction, 0.433" Wall Housing Thickness, 40,000-lb capacity R Wheel ends, Driver Controlled Locking Differential in Rear-Rear Axle, Lube Oil Pump Gear Ratio 5.29
- Tire Front: (2) 12R22.5 HSC (Continental) 483 rev/mile, load range H, 16-ply
- Tire Rear: (8) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G,
- 14-ply
- Suspension, Rear Tandem: (Hendrickson RT-403) Walking Beam Type 52" Axle Spacing,, 40,000-lb capacity with rubber center bushing
- Base Chassis: Model 7600 SBA 6X4 2011 with 209.00 Wheelbase; C/A: 141.90; and 75.00 Axle to Frame.

3.3 **Construction Dump Truck**,

- GVWR: 58000; Calc. GVWR: 52000; Calc. Start / Grade Ability: 24.30% / 2.92% @ 55 MPH; Calc. Geared Speed: 64.6 MPH Fuel Economy: 6.41 MPG @ 55 MPH
- Dimension: Wheelbase: 189.00; C/A: 121.90; Axle to Frame: 75.00
- Clutch: Omit Item (Clutch & Control)
- Axle, Front Non-Driving: (Meritor MFS-12-143A) Wide Track, I-Beam type. 12,000-lb capacity
- Axle, Rear Tandem:: (Meritor MT-40-14X-4DER-P) single reduction, 0.433" Wall Housing Thickness, 40,000-lb capacity R Wheel ends, Driver Controlled Locking Differential in Rear-Rear Axle, Lube Oil Pump Gear Ratio 5.29
- Tire Front: (2) 12R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply
- Tire Rear: (8) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G,
- 14-ply
- Suspension, Rear Tandem: (Hendrickson RT-403) Walking Beam Type 52" Axle Spacing,, 40,000-lb capacity with rubber center bushing
- Base Chassis: Model 7600 SBA 6X4 2011 with 189.00 Wheelbase; C/A: 121.90; and 75.00 Axle to Frame.

3.4 **Lube/Service Truck**, GVWR: 35000; Calc. GVWR: 35000; Calc. Start / Grade

Ability: 44.00% / 5.24% @ 55 MPH; Calc. Geared Speed: 63.6 MPH

- Fuel Economy: 7.12 MPG @ 55 MPH
- Dimension: Wheelbase: 152.00; C/A: 84.90; Axle to Frame: 75.00
- Clutch: Omit Item (Clutch & Control)
- Axle, Front Non-Driving: (Meritor MFS-12-143A) Wide Track, I-Beam type. 12,000-lb capacity
- Axle, Rear Single: (Meritor RS-23-160) single reduction, 23,000-lb capacity with 200 Wheel Ends Gear Ratio 5.38
- Tire Front: (2) 12R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply
- Tire Rear: (4) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply
- Suspension, RR, Spring. Single: Vari-Rate, 23-000-lb capacity
- Base Chassis: Model 7600 SBA 4X2 2011 with 152.00 Wheelbase; C/A: 84.90; and 75.00 Axle to Frame.

3.5 Engine:

- MaxxForce 11, EPA10
- 390 HP @ 1700 RPM
- 1450 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 390 Peak HP (Max)
- Advanced EGR technology with EPA and CARB Compliant.
- Executive Order copy shall be provided with bid proposal
- Air compressor air supply line, naturally-aspirated (air brake chassis only)
- Anti-freeze yellow Shell Rotella Extended Life Coolant, -40 degrees F/-40 Degrees C; for MaxxForce 2010 engine
- Cold starting equipment automatic with engine ECM control
- Cruise control, electronic controls integral to steering wheel
- Engine block compacted graphite iron
- Engine shutdown electric, key operated
- Fuel filter, top access, cartridge type filter element, engine mounted
- Fuel system, high pressure common rail
- Governor electronic
- Heat management system, Eco-Therm
- Oil filter, engine drop-in cartridge type
- Oil pan laminate steel composite
- Turbo, twin series
- Wet type cylinder sleeves

3.6 Fan drive (Horton Drivemaster) automatic on/off type with normally closed Temperature control. Nylon fan

3.7 Radiator, aluminum welded, front to back CrossFlow, 1593 SqIn, 1929 SqIn Dual CAC, 1548 SqIn 3 core LTR. Deaeration system with clear fill/surge tank hose clamps, radiator hoses- Gates Shrink Band type, thermoplastic Coolant hose clamps

- 3.8 Air cleaner – dual element, includes gauges, air cleaner restriction, air cleaner mounted
- 3.9 Engine control, remote mounted for PTO with MaxxForce 11 Engine
- 3.10 Cold starting equipment, automatic with engine ECM control
- 3.11 Fan drive special effect, fan cooling ring with fan shroud effects, engine mounted
- 3.12 Emission compliance, low NOx idle engine, complies with California clean air regulations, includes "Certified Clean Idle", decal on hood
- 3.13 Transmission, Automatic: Allison 4000_RDS_P, 4th Generation Controls, Close Ratio, 5-Speed with Overdrive, On/Off Highway, Oil Level Sensor With PTO Provisions, Less Retarder,
- Clutch: Omit Item (Clutch & Control)
 - Oil filter, transmission mounted on transmission
 - Magnet in transmission oil pan
 - Oil Coolant, auto transmission (Modine) water to oil for Allison
 - Transmission
 - Transmission shift control (Allison) push-button type for Allison
 - 4000 series transmission
 - Shift control parameters Allison Performance Programming in Primary and Allison Economy Programming in Secondary. Note: Used for Water Tank Truck and Construction Dump Truck
 - Shift control parameters Allison S-1 Performance Programming in Primary and Allison fixed Programming in Secondary. Note: use for Lube/Service Truck
 - Transmission Oil: Synthetic; 63 thru 76 pints
 - Allison Spare INPUT/OUTPUT for Rugged Duty Series (RDS) General Purpose Trucks
- 3.14 Rear Axle, Tandem (Meritor MT-40-14X-4DER-P) single reduction, 0.433" wall housing thickness, 40,000-lb capacity R Wheel Ends, Driver Controlled Locking Differential in Rear-Rear axle, lube oil pump, Gear Ratio: 5.29. Includes Power Divider Lock, Electric over Air Operated, cab control with indicator light. Provide Rear axle drain plug (2) Magnetic for tandem rear axle. For Water Tank Truck and Construction Dump Truck.
- 3.15 Rear Axle, Single (Meritor RS-23-160) Single Reduction, 23,000-lb capacity with 200 wheel ends – Gear Ratio: 5.38. Rear axle drain plug (1) Magnetic for single rear axle.

For Lube/Service Truck.

- 3.16 Rear Suspension, Tandem (Hendrickson RT-403) walking beam Type 52" Axle Spacing, 40,000-lb capacity with rubber center bushings. Shall include Cross

- members, suspension stamped steel double dogbone. For Water Tank Truck and Construction Dump Truck.
- 3.17 Rear Suspension, RR, spring, single Vari-Rate, 23,500-lb capacity For Lube/Service Truck.
- 3.18 Suspension/Rear-Axle Identity for Meritor Tandem Rear Axles with Bar- Pin Beam Attachment Type Suspensions. For Water Tank Truck and Construction Dump Truck.
- 3.19 Shock Absorbers, Rear, 2-each. For Lube/Service Truck.
- 3.20 Rear Axle, Lube (EmGard 75W-90) Synthetic Oil, 50 thru 64.99 pints For Water Tank and Construction Dump Truck.
- 3.21 Rear Axle, Lube (EmGard 75W-90) Synthetic Oil, 30 thru 39.99 pints For Lube/Service Truck.
- 3.22 Paint:
- Paint Schematic, PT-1 Single Color, Design 100
 - Paint Type, Base Coat/Clear Coat, 1-2 Tone
 - ID Letters, "GS"
- 3.23 Cab, Conventional:
- Arm rest (2) molded plastic, one for each door
 - Clearance/Marker lights (5) flush mounted
 - Coat hook, cab located on rear wall, centered above rear window
 - Cup holders, two cup holders located in lower center of instrument panel
 - Dome Light, cab rectangular, door activated and push on-off at light lens
 - Timed theater dimming, integral to console, center mounted
 - Glass, all windows, tinted
 - Grab handle, cab interior (1) "A" pillar mounted, passenger side, grab handle, cab interior (2) front of "B" pillar mounted, one each side,
 - Interior sheet metal upper door (above window ledge) painted exterior
 - Color, step (4) two steps per door
- 3.24 Fuel/Water separator (Racor) Fuel Pre-Filter and Filter base, 10-Micron
- 3.25 Fuel Tank top draw, D Style, non-polished aluminum, 50-gallon capacity, 16"-deep with quick connect outlet, mounted right side under cab
- 3.26 Fuel Cooler less thermostat, mounted in front of cooling Module.
- 3.27 Tow Hooks, Front (2) Frame Mounted
- 3.28 Frame Rails: Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" X 3.580" X

0.3212"; 480.0" Maximum OAL

3.29 Front Bumper, Steel Swept Back with Powder Coated (Argent) Gray

3.30 Wheel Base Range:

- Water Tank Truck: 183" Through and including 248"
- Construction Dump Truck: 183" Through and including 248"
- Lube/Service Truck: 148" Through and including 193"

3.31 Front Axle, Non-Driving:

- Water Tank Truck: (Meritor MFS-14-143A) Wide Track, I-Beam Type, 14,000-lb capacity
- Construction Dump Truck: (Meritor MFS-14-143A) Wide Track, I-Beam Type, 14,000 capacity
- Lube/Service Truck: (Meritor MFS-12-143A) Wide Track, I-Beam Type, 12,000 capacity

3.32 Front Suspension, Spring Parabolic, Taper Leaf includes Spring Pins Rubber Bushings, Maintenance Free::

- Water Tank Truck: 14,000-lb with Shock Absorbers
- Construction Dump Truck: 12,000-lb with Shock Absorbers
- Lube/Service Truck: 12,000-lb with Shock Absorbers

3.33 Brake System, Air Dual system for straight truck applications:

- Brake lines colored and size coded nylon
- Drain valve, twist-type
- Dust Shields for front brake
- Dust Shields for rear brake
- Gauge, air pressure (2) Air 1 and Air 2 gauges located in instrument cluster.
- Parking Brake control, Yellow knob, located on instrument panel
- Parking Brake Valve for truck
- Quick release valve, Bendix on rear axle for spring brake release: 1 for 4X2, and 2 for 6X4
- Front slack adjusters: Automatic
- Rear slack adjusters: Automatic
- Spring Brake Modulator Valve: R-7 for 4X2, SR-7 with relay valve for 6X4
- Rear Axle Limitations:
 - Water Tank Truck: 46,000-lb GAWR with Code 04091 Brake System
 - Construction Dump Truck: 46,000 GAWR with Code 04091 Brake Sys.

- Lube/Service Truck: 23,000-lb GAWR with Code 04091 Brake System
- 3.34 Trailer Connections, Four-wheel, with hand control valve and tractor protection Valve, for straight truck
- 3.35 Drain Valve (Berg) Manual, with pull chain for air tank
- 3.36 Air Brake ABS (Bendix Antilock Brake System) full vehicle wheel control system (4-channel)
- 3.37 Air Dryer (Bendix AD-9) with heater, location left rail, back of Cab
- 3.38 Brake Chambers, Front axle: (Haldex) 20 SqIn
- 3.39 Brake Chambers, Rear axle: (Haldex GC3030LHDHO) 30/30 Spring Brake Brake Chambers Springs (2) rear parking with truck brakes: All 4X2, 4X4
- 3.40 Front Brakes, Air Cam S-Cam, 16.5" X 5.0" includes 20 Sq. In. Long Stroke Brake Chambers. Note: For Lube/Service Truck: Air Cam S-Cam, 15.0" X 4.0" includes 20 Sq. In. Long Stroke Brake Chambers.
- 3.41 Rear Brakes, Air Cam S-Cam, 16.5" X 7.0" includes 30/30 Sq. In. Long Stroke Brake Chambers and spring actuated parking brakes
- 3.42 Air Compressor: (Bendix) 15.9 CFM capacity, single cylinder
- 3.43 Steering Column: Stationary
- 3.44 Steering Wheel: 2-spoke, 18" Diameter, Black
- 3.45 Steering Gear: (Sheppard M-100) Power
- 3.46 Exhaust System, Single horizontal, after-treatment device frame mounted right side back of cab, includes vertical tail pipe and guard. Exhaust height, 10-foot height Muffler/Tail pipe guard, non-bright finish
- 3.47 Electrical System, 12-volt, Standard equipment:
 - Battery Box, steel with plastic lid
 - Data Link connector for vehicle programming and diagnostics in Cab
 - Fuses, electrical SAE Blade-type
 - Hazard Switch, push on/push off, located on top of steering column cover
 - Headlight dimmer switch, integral with turn signal lever
 - Headlights, (2) sealed beam, round with chrome plated bezels
 - Horn, electric single
 - Jump start stud located on positive terminal of outermost battery
 - Parking Light, integral with front turn signal and rear tail light
 - Running Light (2) daytime, included with headlights
 - Starter Switch, electric, key operated
 - Stop, Turn, Tail & Backup lights dual, rear combination with reflector

- Turn signal switch, self-cancelling with lane change feature
 - Front turn signals includes reflectors and auxiliary side turn signals, solid
 - State flashers, flush mount
 - Windshield wiper switch, 2-speed with wash and intermittent feature five (5) pre-set delays, integral with turn signal lever
 - Windshield wipers, single motor, electric, cowl mounted, color coded and numbered wiring
- 3.48 Alternator, Bosch LH160, Brush type, 12-volt, 160-amp capacity Pad mounted.
- 3.49 Body builder wiring, to rear of frame with stop, tail, turn, and marker lights circuits, ignition controlled auxiliary feed and ground
- 3.50 Battery system, (2) 12-Volt 1850 CCA Maintenance Free
- 3.51 Radio AM/FM includes multiple speakers and auxiliary input
- 3.52 Horn, Air Black, single trumpet, air solenoid operated
- 3.53 Back-up alarm, Preco 1059, electronic, solid state, dual function, 112 dBA
- 3.54 Windshield wiper speed control, force wipers to slowest intermittent speed when Park brake set and wipers left on
- 3.55 Battery Disconnect Switch, (Joseph Pollak) for cab power disconnect switch, lever operated, disconnects power to PDC, does not disconnect charging circuits
- 3.56 Test exterior lights, pre-trip inspection will cycle all exterior lamps except back-up lights
- 3.57 Headlights on, windshield wipers headlights will automatically turn-on if windshield wipers are turned-on
- 3.58 Body Circuit switch, MID, with 6-switches in instrument panel, One power module with 6-channel, 20-amp max. per channel and 80-amp max output, switches control power module through multiplex wiring, mounted battery box behind cab
- 3.59 Alarm parking brake, electric horn sounds in repetitive manner when vehicle park brake is "not" set with ignition "off" and any door opened
- 3.60 Starting motor, (Mitsubishi Electric Automotive American 105P) 12-volt with soft start
- 3.61 Circuit Breakers, Manual-reset (main panel) SAE type III with trip indicators, replaces all fuses except fir 5-amp fuses

- 3.62 Fender extensions rubber
- 3.63 Insulation, under hood fir sound abatement
- 3.64 Grille, stationary chrome
- 3.65 Front end tilting, fiberglass with three piece construction includes hood
- 3.66 Promotional Package, Silver Package for use with air brakes
- 3.67 Grab handle, cab interior (2) safety yellow
- 3.68 Gauge cluster, English with English electronic speedometer, to include (6) Engine oil pressure (electronic), Water Temperature (electronic), Fuel (electronic), Tachometer (electronic), Voltmeter, Washer Fluid Level, Odometer display, miles, trip miles, engine hours, trip hours, fault code readout, warning system low fuel, Low Oil Pressure, high engine coolant temperature, and low battery voltage (visual and audible)
- 3.69 IP Cluster Display, on board diagnostic display of fault codes in gauge cluster
- 3.70 Seat Driver, (National 2000) air suspension, high back with integral headrest vinyl, isolator, 1 chamber lumber with 2-position front cushion adjust, -3 to +4 degree angle back adjust. To include orange seat belt 3-point lap and shoulder belt type
- 3.71 Mirrors, (2) (Lang Mekra) rectangular, 7.44" X 14.84" & 7.44" sq. convex both sides, 103" inside spacing, breakaway type, black heads, bracket & arms
- 3.72 Seat, Passenger, (Gra-Mag) Non-suspension, high back, fixed back, integral headrest, vinyl. To include orange seat belts 3-point lap and shoulder belt type.
- 3.73 Air conditioner, (Blend-Air) with integral heater and defroster. To include clamps, heater hose Mubea Constant Tension clamps, heater hoses premium, refrigerant Hydrofluorocarbon HFC-134A
- 3.74 Instrument Panel, center section, flat panel
- 3.75 HVAC fresh air filter
- 3.76 Cab Interior – Deluxe Trim
- 3.77 Cab rear suspension, air bag type
- 3.78 Wheels, front disc, 22.5" painted steel, 2 hand hole, 10 stud, Hub piloted, Flanged Nut, Metric mount, 8.25 DC Rims, with steel hubs. Paint front wheels Gray.

- 3.79 Wheels, rear dual disc, 22.5" painted steel, 2 hand hole, 10-stud, hub piloted, Flanged Nut, Metric mount, 8.25 DC Rims, with steel hubs, Paint rear wheels Gray.
- 3.80 Tires Front (2) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply Not0: one (1) each spare front wheel and tire to be included per truck. For Construction Dump Truck, and Lube/Service Truck.
- 3.81 Tires Front (2) 11R22.5 HSC (Continental) 483 rev/mile, load range H, 16-ply Note: one (1) each spare front wheel and tire to be included per truck. For Water Tank Truck.
- 3.82 Tires Rear (4) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply Note: one (1) each spare rear wheel and tire to be included for Lube/Service Truck. For Lube/Service Truck.
- 3.83 Tires Rear (8) 11R22.5 HSR2 (Continental) 498 rev/mile, load range G, 14-ply Note: one (1) each spare rear wheel and tire to be included for Water Tank Truck and Construction Dump Truck. For Water Tank Truck and Construction Dump Truck.
- 3.84 Safety: The vehicle shall meet or exceed all applicable State and Federal OSHA requirements
- 3.85 Fluid Level – Metal Plate: Provide metal stamped plate attached by rivets in the engine compartment that shows operating capacity on all oils, lubricates, and fluids used in the normal operation of the vehicle. City representative shall provide sample upon request.
- 3.86 Award: The City of Lompoc reserves the right to make an award on any item, group of items or in the aggregate to that/lowest responsible bidder(s) whose bid(s) is/are most responsive to the needs of the City. The City reserves the right to reject any and all bids or alternate bids as the best interest of the City may require. Consideration will be given in comparing bid(s) and in awarding a contract, not only to the amount of the bid but also the kind and quality of the equipment offered, its suitability for use in the service intended, as well as the lowest ultimate cost to the City. Time required for delivery is very important and may influence the award.
- 3.87 Warranty: CAB and CHASSIS: All components shall be guaranteed against structural defects and defects in material and workmanship for a period of one year from the date units are put in-service, NOT DATE OF DELIVERY. Parts, labor and travel cost shall be included.

Bidder to specify warranty:

Cab & Chassis: _____

Engine: _____

Transmission: _____

Drive Axles: _____

3.88 During the warranty period all parts needed to replace broken, or failed parts other than those caused by normal wear, accidents or acts of others, for the packer body will be furnished by the vendor, including freight at no cost. The city will be reimbursed at a rate no less than \$68.54 per hour for any warranty work performed by the city forces.

3.89 The City of Lompoc is offering for trade-in three (3) used International Truck, . Cab and Chassis:

- City vehicle # 7411, 1991, INTERNATIONAL Model 4900 VIN: 1HTSHNHR8MH324972
- City vehicle # 7461, 1991, INTERNATIONAL Model 4900 VIN: 1HTSHNHR8MH3367665
- City vehicle # 5651, 1994, INTERNATIONAL Model 8100 VIN: 1HSHBAAN9RH618677

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LAST ITEM

Questionnaire for Water Tank Truck
Truck Cab & Chassis (Complete and return)

Make: _____ Model: _____ Year Make: _____

GVWR: _____ GAWR F. Axle: _____ GAWR R. Axle: _____

WB: _____ Inch CA: _____ Inch

Engine: Make: _____ Model: _____ No. Cyl. _____ CID: _____

NET HP: _____ @ _____ RPM, NET Torque _____ Ft. Lbs @ _____ RPM

Carburetor - # of barrels _____

Alternator max output _____ Amp. Batt. _____ A. H., Quan. of Batt. _____

Eng. (STD) Oil Filter: Type: _____ Make & Mod: _____

Eng. (AUX) Oil Filter: Type: _____ Make & Mod: _____

Eng. Fuel Filter: Type: _____ Make & Mod: _____

Eng. Air Filter: Type: _____ Make & Mod: _____

Eng. Coolant Filter: Type: _____ Make & Mod: _____

Eng. Exh. Muffler - Check Proper Square: Horizontal - Vertical -
 Eng. Exh. Pipe - Check Proper Square: Horizontal - Vertical -

Trans: Make: _____ Model: _____ HP/No. of Spds. Fwd.: _____

Trans: Aux. Oil Filter: Make: _____ Model: _____ Element Part #: _____

Frame RPM: _____ Frame SM: _____

Front Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Ratio: _____

Springs: Capacity @ Ground: Front: _____ Lbs. Rear _____ Lbs

Steering: Type _____ Make _____ Assist (?) _____

Service brake type: Check Proper Square: Air - Vacuum Over Hyd -

Type of lining (asbestos or non-asbestos): _____

Air Brake: Compressor size: _____ CFM. Make: _____

Air Dryer: Make: _____ Model: _____

Wheels (FT) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Wheels (R) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Tires (FT) Type: _____ Size: _____ Load Range:: _____

Tires (R) Type: _____ Size: _____ Load Range:: _____

Fuel Tank Capacity: _____ Type: _____ Location: _____

Seating Capacity: _____

Name of Firm: _____ By: _____ Tel # _____

List any additional information or exceptions to the specifications on a separate sheet and submit with bid.

Questionnaire for Construction Dump Truck

Truck Cab & Chassis (Complete and return)

Make: _____ Model: _____ Year Make: _____

GVWR: _____ GAWR F. Axle: _____ GAWR R. Axle: _____

WB: _____ Inch CA: _____ Inch

Engine: Make: _____ Model: _____ No. Cyl. _____ CID: _____

NET HP: _____ @ _____ RPM, NET Torque _____ Ft. Lbs @ _____ RPM

Carburetor - # of barrels _____

Alternator max output _____ Amp. Batt. _____ A. H., Quan. of Batt. _____

Eng. (STD) Oil Filter: Type: _____ Make & Mod: _____

Eng. (AUX) Oil Filter: Type: _____ Make & Mod: _____

Eng. Fuel Filter: Type: _____ Make & Mod: _____

Eng. Air Filter: Type: _____ Make & Mod: _____

Eng. Coolant Filter: Type: _____ Make & Mod: _____

Eng. Exh. Muffler - Check Proper Square: Horizontal - Vertical -

Eng. Exh. Pipe - Check Proper Square: Horizontal - Vertical -

Trans: Make: _____ Model: _____ HP/No. of Spds. Fwd.: _____

Trans: Aux. Oil Filter: Make: _____ Model: _____ Element Part #: _____

Frame RPM: _____ Frame SM: _____

Front Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Ratio: _____

Springs: Capacity @ Ground: Front: _____ Lbs. Rear _____ Lbs

Steering: Type _____ Make _____ Assist (?) _____

Service brake type: Check Proper Square: Air - Vacuum Over Hyd -

Type of lining (asbestos or non-asbestos): _____

Air Brake: Compressor size: _____ CFM. Make: _____

Air Dryer: Make: _____ Model: _____

Wheels (FT) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Wheels (R) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Tires (FT) Type: _____ Size: _____ Load Range:: _____

Tires (R) Type: _____ Size: _____ Load Range:: _____

Fuel Tank Capacity: _____ Type: _____ Location: _____

Seating Capacity: _____

Name of Firm: _____ By: _____ Tel # _____

Questionnaire for Lube/Service Truck
Truck Cab & Chassis (Complete and return)

Make: _____ Model: _____ Year Make: _____

GVWR: _____ GAWR F. Axle: _____ GAWR R. Axle: _____

WB: _____ Inch CA: _____ Inch

Engine: Make: _____ Model: _____ No. Cyl. _____ CID: _____

NET HP: _____ @ _____ RPM, NET Torque _____ Ft. Lbs @ _____ RPM

Carburetor - # of barrels _____

Alternator max output _____ Amp. Batt. _____ A. H., Quan. of Batt. _____

Eng. (STD) Oil Filter: Type: _____ Make & Mod: _____

Eng. (AUX) Oil Filter: Type: _____ Make & Mod: _____

Eng. Fuel Filter: Type: _____ Make & Mod: _____

Eng. Air Filter: Type: _____ Make & Mod: _____

Eng. Coolant Filter: Type: _____ Make & Mod: _____

Eng. Exh. Muffler - Check Proper Square: Horizontal - Vertical -

Eng. Exh. Pipe - Check Proper Square: Horizontal - Vertical -

Trans: Make: _____ Model: _____ HP/No. of Spds. Fwd.: _____

Trans: Aux. Oil Filter: Make: _____ Model: _____ Element Part #: _____

Frame RPM: _____ Frame SM: _____

Front Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Make: _____ Model: _____ Rating: _____ Lbs

Rear Axle: Ratio: _____

Springs: Capacity @ Ground: Front: _____ Lbs. Rear _____ Lbs

Steering: Type _____ Make _____ Assist (?) _____

Service brake type: Check Proper Square: Air - Vacuum Over Hyd -

Type of lining (asbestos or non-asbestos): _____

Air Brake: Compressor size: _____ CFM. Make: _____

Air Dryer: Make: _____ Model: _____

Wheels (FT) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Wheels (R) Type: _____ Width: _____ Rating: _____ No. Studs: _____

Tires (FT) Type: _____ Size: _____ Load Range:: _____

Tires (R) Type: _____ Size: _____ Load Range:: _____

Fuel Tank Capacity: _____ Type: _____ Location: _____

Seating Capacity: _____

Name of Firm: _____ By: _____ Tel # _____

BID PRICE PAGE
Complete and return

QTY	DESCRIPTION	PRICE
1	Truck Cab & Chassis for use as Water Tank Truck Manufacturer _____ Model _____ Wheel Base _____ Cab to Axle _____ Delivery days ARO:	
1	Truck Cab & Chassis for use as Construction Dump Truck Manufacturer _____ Model _____ Wheel Base _____ Cab to Axle _____ Delivery days ARO:	
1	Truck Cab & Chassis for use as Lube Service Truck Manufacturer _____ Model _____ Wheel Base _____ Cab to Axle _____ Delivery days ARO:	
Less	(Trade in) City vehicle # 7411, 1991, INTERNATIONAL Model 4900 VIN: 1HTSHNHR8MH324972, ODD 44,613	()
Less	(Trade in) City vehicle # 7461, 1991, INTERNATIONAL Model 4900 VIN: 1HTSHNHR8MH3367665 ODD 90,026	()
Less	(Trade in) City vehicle # 5651, 1994, INTERNATIONAL Model 8100 VIN: 1HSHBAAN9RH618677, ODD 154,003	()
Shipping/Delivery		
Sub-total		
Sales Tax @ 8.75%		
Total of all Charges		

Warranty Period: _____. Delivery time after receipt of order ____/days.

Do you wish your bid to be considered on an "all or none" basis: _____ yes/no

Non-California Bidders:

Are you registered with the State of California as authorized to collect California Sales Tax? () YES

() NO. California Sellers Permit Registration No. _____ (if applicable)

Do you agree _____/disagree _____ to extend this agreement to other government agencies.

When appropriate the following discounts will be considered in award of bid:

Discount for award of all items to your firm _____%.

Discount for payment of invoice within 20 days of receipt of invoice _____%.

Local vendor preference. Under the Lompoc City code, in determining a lowest price, the ultimate receipt of local sales tax (1%) by the City shall be considered. However, all vendors who work within city limits of the City of Lompoc are required to have a Business Tax License. If you do not have a Business Tax License please contact the Lompoc City Clerk's department at (805) 875-8242.

Do you conduct business in an office with a physical location within the City of Lompoc and therefore claim local vendor preference? _____ yes or no.

City of Lompoc Business Tax License Number: _____

Business Name, within the City of Lompoc: _____

Business Address within the City of Lompoc: _____

Signature Page

The undersigned agrees to sell, F.O.B. Destination, to the City of Lompoc the goods/services specified in accordance with this bid. I/We have stated hereon the price(s) at which we will accept as full payment the amount shown below.

F.O.B. destination indicates that the seller is responsible for the shipment until it reaches its destination, even if freight is allowed and paid by the buyer. All bidders MUST calculate California Sales/Use Tax at the current rate in effect in Santa Barbara County as noted below.

We hereby certify that:

-This bid was not made in the interest of or on behalf of any undisclosed person, partnership, association or corporation.

-This bid is genuine and not collusion or sham; and that we did not, directly or indirectly, induce or solicit anyone else to submit a false or sham bid.

-We have not, directly or indirectly, by agreement, communication or conference with anyone attempted to induce action prejudicial to the interest of the City of Lompoc, or any other bidder or anyone else interested in the proposed contract; and further,

-Did not, in any manner, directly or indirectly, seek by agreements, communications, or conference with anyone to raise or fix any overhead, profit, or cost element of this bid price, or that of anyone else.

**ORIGINAL SIGNATURES (COPIES WILL NOT BE ACCEPTED).
UNSIGNED BIDS WILL NOT BE CONSIDERED.**

Submission of a signed bid will be interpreted to mean that bidder has read the entire document and agrees to all of the terms and conditions set forth in all the sheets which make up this invitation.

(Please type or print)

COMPANY NAME

SIGNATURE OF AUTHORIZED REPRESENTATIVE

ADDRESS

NAME AND TITLE (PLEASE PRINT)

CITY, STATE AND ZIP CODE

E-MAIL ADDRESS

PHONE NUMBER

PAGE

FAX NUMBER

DATE

GENERAL TERMS AND CONDITIONS

BID ISSUANCE: This bid request creates no obligation on the part of the City and the City reserves the unconditional right, at its option, to either reject all bids or waive any irregularities or informalities therein.

BID SUBMISSION: Bids must be submitted on bid forms provided herein, completed and signed, in a sealed envelope showing on the outside of the envelope the name of bidder, bid title, and date and time of opening. Prices shall be printed in ink or typewritten. No erasures are permitted. Mistakes may be crossed out and corrections printed adjacent and initialed in ink by person signing the bid. Bidders must complete and return the Compliance/Deviation column of the specification page(s) in order to be considered. All bidders must submit one (1) original and one (1) copy of their bid for consideration by the Purchasing Office and the ordering department.

MORE THAN ONE BID: More than one bid is allowed. Each bid must be in a separate sealed envelope with proper identification showing on outside of envelope.

BID VALIDITY/WITHDRAWAL: Prices shall remain valid for ninety (90) days from date of opening and be inclusive. Bids submitted may be withdrawn by written request received BEFORE the hour set for opening. No bidder may withdraw their bid after the time set for opening.

QUESTIONS: Questions may be submitted in writing written request, for an interpretation or correction thereof. Fax inquires to:

Ray Ambler, Purchasing & Materials Manager
(805) 735-7628

MATERIAL SAFETY DATA SHEETS: When

applicable, bidders shall conform to California Labor Code, Section 6360 and Title 8 CAC, Section 339 and 5194 and submit MSDS on hazardous substances with bid.

LOWEST APPARENT BIDDER SUBMITTAL REQUIREMENTS: The lowest apparent bidder may be required to submit the following:

- a) Proof of authorized distributorship
- b) A sample or demonstration of any product/unit offered. Samples and/or demonstration must be free of expense to the City.
- c) City Business Tax number
- d) PUC permit
- e) Insurance requirements
- f) Proof of driver training on hazardous substances
- g) References

QUANTITY ADJUSTMENT: When applicable, it is mutually accepted that the quantities defined in this document reflect the approximate City requirements and may be adjusted. City may require and order or reorder more than the quantity listed here by mutual agreement with the prevailing vendor.

COMPLIANCE WITH LAWS: All bids shall comply with current federal, state and local laws relative thereto, including applicable Federal and State Occupation Safety and Health laws and that Seller will indemnify and hold the Buyer harmless for any failure to so conform.

CONTRACT LIMITATIONS: Any resulting contract shall be limited to all terms and conditions herein, including any general and special conditions and instructions, purchase order or other documents issued by the City.

NEW/UNUSED AND LATEST MODEL:

Bidders shall provide pricing on new and unused items, material and/or units specified unless otherwise stated in specifications.

BRAND NAMES: Brand names are used to establish a level of quality only. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item. Bids that deviate from the specifications must be clearly defined. The City will have the sole right to determine whether an alternate is acceptable.

WARRANTIES: Bidder will fully warrant all materials and equipment for a period of not less than one (1) year from date of final acceptance by the City unless otherwise noted. All warranties, standard and extended, shall be shown on any units offered, and all costs related to the servicing of said warranties shall be clearly stated on bid form.

F.O.B. POINT AND SHIPPING CHARGES: All prices shall be quoted F.O.B. destination Lompoc, California. Any and all shipping, handling and freight charges shall be shown separately unless otherwise noted on bid form.

CANCELLATION: Any agreement resulting from an award may be canceled by either party at any time upon thirty (30) days written notice. The City may cancel any agreement WITH CAUSE within ten (10) days written notice to supplier.

LAWS GOVERNING CONTRACT: The contract shall be in accordance with the laws of the State of California and the County of Santa Barbara is the only appropriate forum for any litigation.

In the event a suit or action is instituted arising out of any contract, the prevailing party shall be entitled to receive, in addition to its cost, such sum as the court may adjudge reasonable as to attorney's fees and costs.

TAXES (FEDERAL EXCISE/SALES OR USE/LOCAL PREFERENCE: The City is exempt from Federal Excise Tax. All taxes, if applicable, shall be shown on bid form page. ALL TAXES; Sales, Use and Local Preference will be a consideration in bid evaluation.

MINORITY BUSINESS ENTERPRISES: It is the policy of the City that minority business enterprises shall have the maximum opportunity to participate in the City's bidding requirements.

EQUAL EMPLOYMENT OPPORTUNITY: It is the policy of the City to promote the full realization of equal employment opportunity.

COOPERATIVE PURCHASING: The successful bidder may agree to extend all terms and conditions to other tax-supporting agencies upon their request. These agencies will issue their own purchase order and be billed directly by supplier. Bidder's agreement or disagreement must be stated on bid form and will not effect bid evaluation.

BID PROTEST: Interested parties wishing to protest City solicitation documents may obtain a copy of Lompoc Code 3.36.170 Procurement Protest Procedures or by calling the Purchasing Office at (805) 875-8000 or on the City's web site at: <http://bit.ly/m3jGNC>

AWARD: Contracts shall be awarded to the bidder whose offer is determined to be the most advantageous to the City from the standpoint of suitability to purpose, quality, service, previous experience, price, ability to deliver, or for any other reason deemed by the Purchasing Manager to be in the best interests of the City and, as such, will not be determined by price alone and may not be the lowest bid especially where services are of utmost importance.

When there is more than one (1) item, the

City reserves the right to award separately or as a whole. Bidders must state "all or none" on bid form. If optional items or trade-ins are requested, the City may accept or decline such items.

SELL OR ASSIGN: Contractor shall not have the right to sell, assign or transfer any obligations resulting from the award without the specific written consent of the Purchasing and Materials Manager.

REASONS FOR AUTOMATIC DISQUALIFICATION OF BIDS

Failure of bidder to fulfill all basic requirements will result in automatic bid rejection. A Letter of Bid Disqualification is sent to bidder failing to meet any of the requirements. The checklist of reasons for rejection as follows:

- Failure to sign bid document (in ink).
- Failure to ensure bid was received by City of Lompoc Purchasing Offices on or before bid opening date and time and the address specified in the bid.
- Failure to submit bid in ink (pencil is unacceptable).
- Failure to provide bid security (if required and in the form and amount specified).
- Failure to attend mandatory bidders' conference or mandatory site inspection.
- Failure to initial price alterations (in ink)

for one or more items.

- Failure to provide information or other supplemental materials as specified in the RFP or bid.
- Failure to bid on all items when specifically required.

These items are self-explanatory and are applied equally and irrevocably to all vendors and their bids. Therefore, bidders must be conscientious in fulfilling all requirements in order to have their bids considered for award.

NOTE that telephone, telefacsimile, or telegraph bids will not be accepted for publicly advertised bid requirements which specify sealed bid submissions.

ENTIRE AGREEMENT Any Agreement resulting from this Bid will consist of the following documents, in order of precedence, and shall be the entire agreement between parties:

- A. Purchase Order
- B. CITY's Invitation to Bid
- C. Attachments
- D. CONTRACTOR's Bid



Bidder Registration

To stay informed of any changes or modifications to this bid you must:

- 1. Complete this form (print or type your information).**
- 2. Fax the completed sheet to (805) 735-7628.**

(Please type or print)

COMPANY NAME	SIGNATURE OF AUTHORIZED REPRESENTATIVE
ADDRESS	AUTHORIZED REPRESENTATIVE (PLEASE PRINT)
CITY, STATE AND ZIP	TITLE
TELEPHONE NUMBER	FAX NUMBER
E-MAIL ADDRESS	WEB PAGE
DATE	