

**CITY OF BARSTOW
REQUEST FOR PROPOSALS**

The City of Barstow is accepting proposals for a

**37 FOOT INSULATED HYDRAULIC TELESCOPIC AERIAL DEVISE
“BUCKET TRUCK”**

SUBMITTAL LOCATION, CLOSING DATE, AND TIME: Proposals will not be received after the closing date and time indicated. Faxed or emailed proposals will not be accepted.

INQUIRIES: Any prospective Proposer desiring an explanation or interpretation of the solicitation, specifications, etc. must request it in writing at least three (3) days before proposal due date. Inquiries should be directed to:

Ronny Zamora, Public Works Superintendent

Phone (760) 255-5141, Fax (760) 256-3213, Email rzamora@barstowca.org

For equipment specifications visit the City of Barstow Web Page, <http://www.barstowca.org/> under “Bid Opportunities” in the Barstow for Business heading or call the City Clerk’s Office at (760) 255-5122 to obtain a copy.

Dated:

11-16-10

/s/ JoAnne Cousino, City Clerk

**Submittal Closing; November 30, 2010 at 4:30 PM (Close of Business)
PST**

Location: City of Barstow-City Hall



**DEPARTMENT OF PUBLIC WORKS
220 EAST MOUNTAIN VIEW
BARSTOW, CALIFORNIA 92311**

**SPECIFICATIONS FOR A 37 FOOT
INSULATED HYDRAULIC TELESCOPIC AERIAL DEVICE “BUCKET TRUCK”**

This aerial device shall be to the manufacturer’s standard. It shall be equipped with the manufacturer’s equipment and accessories which are included as standard in the advertised and published literature for the unit. No such item of equipment or accessories shall be removed or omitted for the reason that it was not specified in the bid.

If it is necessary to bid alternate equipment, this must be so stated in your bid. For each item, please place a X in the appropriate space (Yes__ No__) to signify whether or not you are in complete compliance with the specification. Failure to follow the format or answer the specification may cause your bid to be disqualified. If you need extra space to describe your product, please attach extra sheets. When doing this, be sure your description references the appropriate question number.

COMPLY
Yes No

INTENT

It is the intent of this specification to provide for the purchase of one (1) new or used 37 foot to bottom of platform, hydraulic operated, telescopic aerial device equipped with single platform and with a steel line service body mounted on an appropriate chassis/cab. These insulating aerial device requirements shall also include an insulating lower arm insert, insulating telescopic upper boom and a dielectrically tested insulating control handle, with upper control isolation system at the boom tip, offering an additional layer of secondary dielectric protection for the operator.

The following specification is based upon a new Altec AT37-G Telescopic/Articulating Aerial Device mounted on a Ford Chassis. The City of Barstow has evaluated different types of aerial device and has determined that this product is well suited and equipped for the City of Barstow’s needs in safety, quality, performance, and standardization. This specification is not to be interpreted as restrictive, but rather as a measure of the safety, quality and performance against which all aerial device bid will be compared.

In comparing proposals, consideration will not be confined to price only. Contract will

be awarded for the product which best serves the interests of the city when cost, product, safety, quality and delivery are considered. The City reserves the right to reject any or all bids or any part thereof, and to waive any minor technicalities. A contract will be awarded to the bidder submitting the lowest responsible bid meeting the requirements.

COMPLY
Yes No

EQUIVALENT PRODUCT

Bids will be accepted for consideration on any make or model that is equal or superior to the aerial device specified. Decisions of equivalency will be at the sole interpretation of the City of Barstow. A blanket statement that equipment proposed will meet all requirements will not be sufficient to establish equivalence. Original manufacturer's brochures of the proposed unit are to be submitted with the proposal. All modifications made to the standard production unit described in the manufacturer's brochures must be certified by the manufacturer and submitted with the bid, or the bid will be deemed "non-responsive" and rejected without further review. Bidder must be prepared to demonstrate a unit similar to the one proposed, if requested.

COMPLY
Yes No

INTERPRETATIONS

In order to be fair to all bidders, no oral interpretations will be given to any bidder as to the meaning of the specification documents or any part thereof. Every request for such a consideration shall be made in writing to the City Clerk. Based upon such inquiry, the City of Barstow may choose to issue an Addendum.

COMPLY
Yes No

GENERAL

The specification herein states the minimum requirements of the City of Barstow. All bids must be regular in every respect. Unauthorized conditions, limitations, or provisions shall be cause for rejection. The City will consider as "irregular" or "non-responsive" any bid not prepared and submitted in accordance with the bid document and specification, or any bid lacking sufficient technical literature to enable the City of Barstow to make a reasonable determination of compliance to the specification.

It shall be the bidder's responsibility to carefully examine each item of the specification. Failure to offer a completed bid or failure to respond to each section of the technical

specification (COMPLY: YES NO) will cause the proposal to be rejected without review as "non-responsive". All variances, exceptions and/or deviations shall be fully described in the appropriate section. Deceit in responding to the specification will be cause for rejection.

COMPLY
Yes No

USED BUCKET TRUCK CONSIDERATION

The City of Barstow will consider a used bucket truck that is a 2008 year model or newer and such unit is in excellent condition. This unit must be a current California registered vehicle and complete details of chassis and aerial device shall be submitted with the bid including make, year, model, maintenance records, title history etc. This bid specification must be filled out completely for consideration.

Excellent Condition means:

- Looks new, is in excellent mechanical condition and needs no reconditioning,
- Never had any paint work and is free of rust,
- Clean title history and will pass smog and safety inspection,
- Engine compartment is clean with no fluid leaks and is free of any wear or visible defects,
- Complete and verifiable service records

GENERAL SPECIFICATIONS:

COMPLY
YES NO

- | | | | |
|----|---|-------|-------|
| 1. | 37 Foot telescopic articulating aerial device with an insulating lower arm, insulating telescopic upper boom and a dielectrically tested insulating control handle, with upper control isolation system at the boom tip, for installation behind chassis cab, built in accordance to these standard specifications and to include the following features: | _____ | _____ |
| | A. <u>Ground to Bottom of Platform Height:</u> 37.5 feet at 11.3 feet from centerline of rotation (11.4 m at 3.4 m) | _____ | _____ |
| | B. <u>Working Height</u> – 42.5 feet (13.0 m) | _____ | _____ |
| | C. <u>Maximum Reach to Edge of Platform:</u> 28.3 feet at 14.4 foot | _____ | _____ |

platform height (8.6 m at 4.3 m)

- D. Pedestal: Post type pedestal design with large service openings. Pedestal consists of fixture welded steel tubing 10.75 inch (273 mm) diameter. The 1.0 inch (25.4 mm) top plate of the pedestal is machined after welding to provide a rigid, flat mounting surface for the rotation bearing. This extends the life of the bearing and reduces life cycle cost. The pedestal is bolted to a quick mount interface frame which is attached to the chassis frame utilizing a bolt-on technique. _____

- E. Rotation: **Continuous** rotation is provided by worm gear drive, equipped with extended shaft for manual rotation, driving a shear ball bearing rotation gear. The fully adjustable rotation drive assembly includes an external eccentric ring adjustment of the gearbox pinion gear to the main rotation bearing, permitting the **ability to easily adjust backlash**, reduce boom side play and ensure proper tooth contact over the life of the unit. This reduces life cycle cost. _____

- F. Turntable: Steel fixture-welded structure with a 1.0 inch (25.4 mm) steel bottom plate. The bottom plate of the turntable is machined after welding to ensure a flat mounting surface for the rotation bearing. A steel ring is welded to the bottom plate to stiffen the plate and to protect the rotation bearing. For ease of maintenance, hydraulic valving is located on the side of the turntable and protected by a metal guard. _____

- G. Articulating Arm: Tubular steel structure with insulating fiberglass insert. The articulating arm is designed so that the articulating arm and telescopic boom are compensating. By raising the articulating arm only, the arm and telescopic boom maintain the same relative angle with the ground. By raising the articulating arm in conjunction with the telescopic boom the operator is able to position himself more quickly and easily into the work area. _____

- H. Lift Cylinders: The rod eye is welded to the rod while the blind end of the cylinder is of cast steel, one piece design, which utilizes cartridge-type, bi-directional counter-balance holding valves. Non-lubricated type bushings are used at each end of the cylinder. _____

- I. Telescopic Boom: Fabricated, reinforced steel with a round centrifugally cast, high density fiberglass insulator. Insulator provides 12 inches (305 mm) of isolation in the lower boom _____

section. The inner surface of the fiberglass insulator has a wax coating molded in during manufacture to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface has a smooth gelcoat finish.

- J. Telescopic Upper Boom Section: Rectangular filament wound fiberglass, providing a minimum of 8.0 in (203 mm) of isolation when retracted and 35 inches (889 mm) when extended. The inner surface of the fiberglass boom has acrylic polyurethane applied to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface has a smooth gelcoat finish. _____
- K. Telescopic Boom Articulation: -25 degrees to +75 degrees. This is important because it allows the platform to be placed below grade when the boom is extended. This allows the operator to access the platform from the ground very close to the side of the body or access the platform from the ground even on uneven terrain such as off the side of a roadbed. _____
- L. Telescopic Boom Pivot Pin: high strength chrome plated steel with self-lubricating, replaceable, non-metallic bearings. _____
- M. Telescopic Upper Boom Extension: The upper boom section is extended and retracted by a double acting hydraulic cylinder installed within the booms. The boom extends and retracts over slide bearings located in the end of the lower boom section. _____
- N. Platform Leveling System: The platform is leveled by hydraulic leveling means, contained within the telescopic boom and designed to **maintain the dielectric integrity of the aerial device**. Controls for leveling and tilting the platform are located at the platform. Leveling for the platform includes two double acting cylinders incorporating counterbalance load holding valves to lock the platform in the event of hydraulic line failure. Cylinders are located at the platform and at the riser structure between the articulating arm and telescopic boom. The master-slave action of the cylinders maintains a level platform throughout the full range of boom articulation. _____
- O. Platform: Totally enclosed, fiberglass. _____
- P. The dielectrically tested, insulating upper control system includes the following boom tip components that can provide an additional layer of secondary electrical contact _____

protection.

1. Control Handle: A single handle controller incorporating high electrical resistance components that is dielectrically tested to 40 kV AC with no more than 400 microampers of leakage. The control handle is green in color to differentiate it from other non-tested controllers. The handle also includes an interlock guard that reduces the potential for inadvertent boom operation.
2. Auxiliary Control Covers: Non-tested blue silicon covers for auxiliary controls.
3. Control Console: Non-tested non-metallic control console plate.
4. Boom Tip Covers: Non-tested non-metallic boom tip covers. The covers are not dielectrically tested, but they may provide some protection against electrical hazards.

Q. Controls: The Control System for all models is a full pressure type, operating at 2,400 psi (166 bar) maximum. The upper control, located at the platform, consists of a single handle control of the tiller type. The single handle control, through an insulating linkage, actuates valves in the control head to actuate the boom. The controls provide fine metering capability and allow the operator to make simultaneous multiple boom movements. The single handle control activates Lower Boom--**Up and Down**, Upper Boom—**Extend/Retract**, and Rotation--**Clockwise/Counter-clockwise**. Unit rotation is accomplished by moving the control from side to side similar to a tiller. An additional separate control activates the Articulating Arm—**Up/Down**. The articulating arm control is mechanically locked to prevent accidental actuation and does not require the actuation of the trigger on the single handle control. Conventional multiple lever ground controls located on the turntable include an upper control override.

R. Manual Lowering Valve: A valve located at the boom tip, easily accessible by the operator without having to remove any covers allows the lower boom to be lowered in the case of engine or hydraulic system failure.

S. Hydraulic Tool Circuit: Control easily accessible to the operator activates the tool circuit which provides 5.0 gpm (18.9 lpm) at 2,000 psi (138 bar) One set of HTMA quick disconnect couplings is located in a protected location inside the control cover at the platform.

T. Back-up Alarm, installed

- U. Diagnostic Pressure Test Quick Disconnect Couplings: are located at the turntable to allow a mobile service technician to quickly and easily attach a test gauge to verify system and tool circuit pressure. This reduces life cycle cost. _____
- V. ISO 9001: This aerial device is designed in a facility that is certified to meet ISO 9001 requirements. _____
- W. ANSI Category C, 46 kV and below dielectric rating _____
- X. Manuals: Two (2) Operator's and two (2) Maintenance/Parts manuals containing instructional markings indicating hazards inherent in the operation of an aerial device. _____
- Y. Paint: Painted white with a Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the **inside** as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection _____

Unit

- 2. 37 Foot Aerial Device with insulating articulating arm and continuous rotation. Articulating arm includes a rectangular filament wound fiberglass insulator. The insulator provides 12.0 inches (305 mm) of isolation in the articulating arm. The inner surface of the filament wound fiberglass insulator has acrylic polyurethane applied to provide a dry, smooth inner surface which will cause moisture to bead. The outer surface has a smooth gelcoat finish. The compensating link is centrifugally cast round fiberglass construction which has a smooth gelcoat outer surface. _____

Pedestal

- 3. Post type pedestal design with large service openings. Pedestal consists of fixture welded steel tubing 10.75 inch (273 mm) diameter. The 1.0 inch (25.4 mm) top plate of the pedestal is machined after welding to provide a rigid, flat mounting surface for the rotation bearing _____

Reservoir

- 4. Reservoir, 7 gallon (26.5 L) capacity, installed on the pedestal _____

Platform

- | | | | |
|----|---|-------|-------|
| 5. | Single one man end-mounted platform with rotator. Platform is 24 x 30 x 42 inches high (610 x 762 x 1067 mm), rated at 350 pounds (159 kg) capacity, and rotates hydraulically 180° about the boom tip. | _____ | _____ |
|----|---|-------|-------|

Platform Cover

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|----|---|-------|-------|
| 6. | Soft platform cover for one man platform, 24 x 30 inches (610 x 762 mm) | _____ | _____ |
|----|---|-------|-------|

Platform Liner

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|-----|---|-------|-------|
| 20. | Polyethylene platform liner for one man platform, 24 x 30 inches (610 x 762 mm), 50 kV rating (minimum) | _____ | _____ |
|-----|---|-------|-------|

Increased Platform Capacity

- | | | | |
|-----|---|-------|-------|
| 21. | Increased platform capacity, increases the platform capacity by 50 pounds (23 kg) | _____ | _____ |
|-----|---|-------|-------|

Start/Stop and Secondary Stowage System

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|-----|--|-------|-------|
| 22. | Engine start/stop with emergency operating system, 12 VDC electric powered. Includes pump and motor, operates from chassis battery. Control is captive air operated from the platform and toggle switch operated from the lower controls. This option allows the operator to completely stow the booms and platform in a situation wherein the primary hydraulic source fails. | _____ | _____ |
|-----|--|-------|-------|

Additional Options

- | | | | |
|-----|---|-------|-------|
| 23. | Post Mount for installation of aerial device on a Ford Super Duty | _____ | _____ |
|-----|---|-------|-------|

- | | | | |
|-----|---|-------|-------|
| 24. | Diagnostic Pressure Test Kit includes gauges, hoses and quick disconnect couplings to enable a mobile service technician to easily check system and tool circuit pressures. | _____ | _____ |
|-----|---|-------|-------|

- | | | | |
|-----|--|-------|-------|
| 25. | Fall Protection System to include one body harness and decelerating type lanyard. Harness has adjustable slide buckle on shoulder straps, Velcro chest strap, interlocking buckles on leg straps and nylon web loop fall arrest attachment on back. Lanyard has built in shock absorber that allows 28 inches (711 mm) of automatic adjustability. | _____ | _____ |
|-----|--|-------|-------|

- | | | | |
|-----|---|-------|-------|
| 26. | Rubber Wheel chocks, (pair) 10 inches long x 8 inches wide x 5-1/2 inches high (254 x 203 x 140 mm) | _____ | _____ |
|-----|---|-------|-------|

UNIT AND HYDRAULIC ACCESSORIES

- | | | | |
|-----|--|-------|-------|
| 27. | Scuff pad with step for 24 x 30 inch (610 x 762 mm) platform liner to protect liner floor | _____ | _____ |
| 28. | Hydraulic oil and lubricants | _____ | _____ |
| 29. | Vane or gear type hydraulic pump installed in conjunction with power takeoff | _____ | _____ |
| 30. | Start/Stop 12VDC Module behind the drivers seat, inside the cab. Module accommodates various options such as engine start/stop, power take off and engine speed control module for specific engines and chassis | _____ | _____ |
| 31. | Power take-off to be installed in conjunction with transmission | _____ | _____ |
| 32. | Torsion bar stabilizer installed on rear axle | _____ | _____ |

BODY AND ACCESSORIES

- | | | | |
|-----|---|-------|-------|
| 33. | Utility service Line Body, suitable for installing on any chassis with an approximate CA dimension of 60 inches, built in accordance with the following specifications: | _____ | _____ |
| | A. <u>Body</u> : Fabricated from A40 grade 100% zinc alloy coated steel with the following minimum gauge thickness: | _____ | _____ |
| | 16 gauge outside panels | | |
| | 16 gauge top panels | | |
| | 14 gauge end panels | | |
| | 20 gauge inner door panels | | |
| | 18 gauge outer door panels | | |
| | 18 gauge shelving, spangled steel | | |
| | 14 gauge wheel panels | | |
| | 12 gauge steel floor, formed checker plate | | |
| | Structural channel crossmembers | | |
| | B. <u>Body Dimensions</u> : | _____ | _____ |
| | 108 inch overall body length | | |
| | 94 inch outside width | | |
| | 40 inch front of body height | | |
| | 40 inch rear of body height | | |
| | 20 inch compartment depth | | |
| | 54 inch floor width | | |
| | C. <u>Compartmentation – Curbside</u> : | _____ | _____ |

First Vertical – Seven (7) adjustable locking swivel material hooks.

Horizontal – Vacant with exception of through shelf.

Rear Vertical - Two (2) adjustable shelves with removable dividers on 4 inch centers

Through Shelf – full length with two (2) hotstick brackets and rear access door

D. Compartmentation - Streetside: _____

First Vertical - Two (2) adjustable shelves with removable dividers on 4 inch centers

Horizontal - One (1) removable shelf with removable dividers on 8 inch centers

Rear Vertical - Six (6) adjustable locking swivel material hooks.

E. Standard Features: _____

Basic body fabricated from A40 grade 100% zinc alloy coated steel

All doors are full, double paneled, self-sealed with built-in drainage. Electro-zinc plated, steel hinge rods extend full length of door. Door hinges are zinc alloy material attached with rivets.

All doors contain flush type, single point paddle type locks with recessed handles

Heavy-gauge welded steel base construction with safety tread floor.

Door header drip rail at top for maximum weather protection.

Metal formed painted

Automotive underseal applied to entire understructure.

Prime painted

Automotive type non-porous door seals mechanically fastened to the door facing.

Wheel chock holders installed one (1) each side of body in fender panel

Drop-in 2" x 6" pressure treated wooden tailboard

Master body security locking system

Gas Cylinders for all vertical doors

Rotary Paddle Latches on all doors

Chains on Horizontal doors

Latch cover on Horizontal door

BODY ACCESSORIES

- | | | | |
|-----|---|-------|-------|
| 34. | 29" Tailshelf with wheel chock holders, one each side | | |
| 35. | Grab handles, installed one on curbside rear corner of tailshelf and one on rear vertical curbside corner of the body. | | |
| 36. | Cable step installed at curbside rear corner of tailshelf. | | |
| 37. | Boom storage support installed at streetside rear of cargo area. Installed as close to streetside cargo area wall as feasible to maximize access to cargo area. | _____ | _____ |
| 57. | Platform rest, rubber tube type. Installed directly on tailshelf, bolted and positioned under platform for support of platform during transit. | | |
| 58. | Splash aprons (mud flaps) installed behind rear tires. One each side of body. | _____ | _____ |
| 59. | Torsion bar installed in conjunction with rear axle. | | |
| 60. | Triangular reflector kit | _____ | _____ |
| 61. | Five pound fire extinguisher with mounting bracket, shipped loose | _____ | _____ |
| 62. | Pintle hook installed on the frame extension. To also include two (2) safety chain eyes installed one each side of pintle hook. | _____ | _____ |

ELECTRICAL

- | | | | |
|-----|---|-------|-------|
| 63. | LED Lights and reflectors in accordance with FMVSS lighting package, installed | _____ | _____ |
| 64. | Trailer Receptacle, installed at rear | _____ | _____ |
| 65. | Amber strobe light installed on post at left front of cargo area with master switch and indicator light installed in cab. Strobe light is to be visible from the front and rear of the vehicle. | _____ | _____ |
| 66. | Backup alarm, installed at rear. | _____ | _____ |
| 67. | Hour meter installed to record PTO operating hours | _____ | _____ |
| 68. | Dash panel rocker switches supplied with Ford Chassis, 4 auxiliary switches supplied in up fitting package from Ford | _____ | _____ |

INSTALLATION

- | | | | |
|-----|--|-------|-------|
| 69. | Mounting Aerial Device | _____ | _____ |
| 70. | Painting Aerial Device white with a Powder Coat Paint Process which provides a finish-painted surface that is highly resistant to chipping, scratching, abrasion and corrosion. Paint is electro-statically applied to the <i>inside</i> as well as outside of fabricated parts then high temperature cured prior to assembly ensuring maximum coverage and protection | _____ | _____ |
| 71. | Mounting body and accessories | _____ | _____ |
| 72. | Painting body and accessories white with urethane enamel | _____ | _____ |
| 73. | Safety and Instructional Signs, installed | _____ | _____ |
| 74. | Delivery of completed vehicle | _____ | _____ |

MISCELLANEOUS

- | | | | |
|-----|--|-------|-------|
| 75. | This aerial device is to be designed in a facility that is certified to meet ISO 9001 | _____ | _____ |
| 76. | One (1) year parts warranty | _____ | _____ |
| 77. | One (1) year labor warranty | _____ | _____ |
| 78. | Ninety (90) days warranty for travel charges | _____ | _____ |
| 79. | Bidder is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit. | _____ | _____ |
| 80. | Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables. | _____ | _____ |
| 81. | Supply copy of manufacturer's warranty with bid | _____ | _____ |
| 82. | Vendor to state number of years in business as a utility equipment supplier of aerial devices _____ | _____ | _____ |

CHASSIS

83. 2011 Ford F-550 Super Duty Cab and Chassis, single rear axle _____

See attached specifications (Vehicle Profile).

Min requirements:

60" CLEAR CA

Automatic Trans with PTO opening

Completed unit is to be delivered to the following address,
cleaned and ready to place in service:

City of Barstow
Public Works Maintenance Facility
900 South H Avenue
Barstow, CA. 92311

USE OF OTHER NAMES AND REFERENCES:

Unless otherwise stated, the use of manufacturer's name and product numbers are for descriptive purposes and establishing general quality levels only. They are not intended to be restrictive. Bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items stated.

BROCHURES AND LITERATURE:

Your proposal must be accompanied by descriptive literature (marked), indicating the exact items to be furnished. The term "as specified" will not be acceptable.

Vehicle Profile

2011 Ford F-550 Chassis

4x2 5D Regular Cab 141" WB DRW XL (F5G)

Powertrain

Powerstroke 6.7L V-8 OHV direct diesel injection 32 valve intercooled turbo diesel engine * 200 amp HD alternator * 750 amp (total) 78 amp hours (Ah) (total) battery dual batteries * Engine block heater * 6-speed electronic SelectShift automatic transmission with overdrive, lock-up, driver selection * Rear-wheel drive * Driveline traction control, power take-off provision * 4.10 axle ratio * Stainless steel exhaust

Steering and Suspension

Hydraulic power-assist re-circulating ball steering * 4-wheel disc brakes with front and rear vented discs * Firm ride suspension * Mono-beam non-independent front suspension * Front anti-roll bar * HD front coil springs * HD front shocks * Rigid rear axle * Rear leaf suspension * Rear anti-roll bar * HD rear leaf springs * HD rear shocks * Front and rear 10.5" x 6.00" argent steel wheels * LT225/70SR19.5 BSW AS front tires * AT rear tires

Safety

4-wheel anti-lock braking system * Dual airbags, passenger side front-impact cancellable airbag, curtain 1st row overhead airbag * Front height adjustable seatbelts

Comfort and Convenience

Air conditioning * AM/FM stereo, clock, seek-scan, 2 speakers, fixed antenna * 2 12V DC power outlets, ashtray, front lighter element(s) location * Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, turbo/supercharger boost gauge, transmission fluid temp gauge, engine hour meter, exterior temp, systems monitor, trip odometer * Warning indicators include oil pressure, engine temperature, battery, key, low fuel, door ajar * Steering wheel with tilt and telescopic adjustment * Manual front windows with light tint * Variable intermittent front windshield wipers * Passenger side vanity mirror * Day-night marview mirror * Interior lights include dome light with fade, front reading lights * Glove box, front cupholder, instrument panel bin, dashboard storage

Seating and Interior

Seating capacity of 3 * 40-20-40 split-bench front seat with fixed head restraints, center armrest with storage * 4-way adjustable driver seat includes lumbar support * 4-way adjustable passenger seat * Vinyl faced front seats with vinyl back material * Full cloth headliner, full vinyl/rubber floor covering, plastic/rubber gear shift knob, cutback insulator, chrome interior accents

Exterior Features

Side impact beams, front license plate bracket, fully galvanized steel body material * Black fender flares * Black side window moldings, black front windshield molding, black rear window molding * Black door handles * Black grille * 2 doors * Trailer harness * Driver and passenger manual black folding manual extendable trailer outside mirrors * Front black bumper with front tow hooks * Aero-composite halogen headlamps * Additional exterior lights include cab clearance lights, underhood light * Clearcoat monotone paint

Warranty

Basic	36 month/30,000 miles	Powertrain	60 month/50,000 miles
Corrosion Perforation	60 month/unlimited mileage	Roadside Assistance	60 month/50,000 miles
Diesel Engine	60 month/100,000 miles		

Dimensions and Capacities

Output	300 hp @ 2,800 rpm	Torque	660 lb.-ft. @ 1,600 rpm
1st gear ratio	3.974	2nd gear ratio	2.318
3rd gear ratio	1.516	4th gear ratio	1.149
5th gear ratio	0.858	6th gear ratio	0.674
Reverse gear ratio	3.128	Curb weight	7,395 lbs.
GVW	18,000 lbs.	Front GAWR	5,600 lbs.
Rear GAWR	13,600 lbs.	Payload	10,620 lbs.
Front curb weight	4,569 lbs.	Rear curb weight	2,826 lbs.
Front axle	7,000 lbs.	Rear axle capacity	13,660 lbs.
Front spring rating	5,600 lbs.	Rear spring rating	13,660 lbs.
Front tire/wheel capacity	7,500 lbs.	Rear tire/wheel capacity	15,000 lbs.
Towing capacity	16,000 lbs.	5th-wheel towing capacity	17,400 lbs.
Front legroom	41.1"	Front headroom	40.7"
Front hip room	67.6"	Front shoulder room	68.0"
Passenger area volume	65.9 cu.ft.	Length	226.5"
Body width	93.9"	Body height	86.4"
Wheelbase	141.0"	Cab to axle	60.0"
Axle to end of frame	47.6"	Front tread	74.8"
Rear tread	74.0"	Turning radius	21.2'
Fuel tank	40.0 gal.		